

NO. 92 SPECIAL CATALOGUE OF  
STABLE FITTINGS

MAY 12 '18

# STABLE FITTINGS



## F.P. SMITH

WIRE AND IRON WORKS

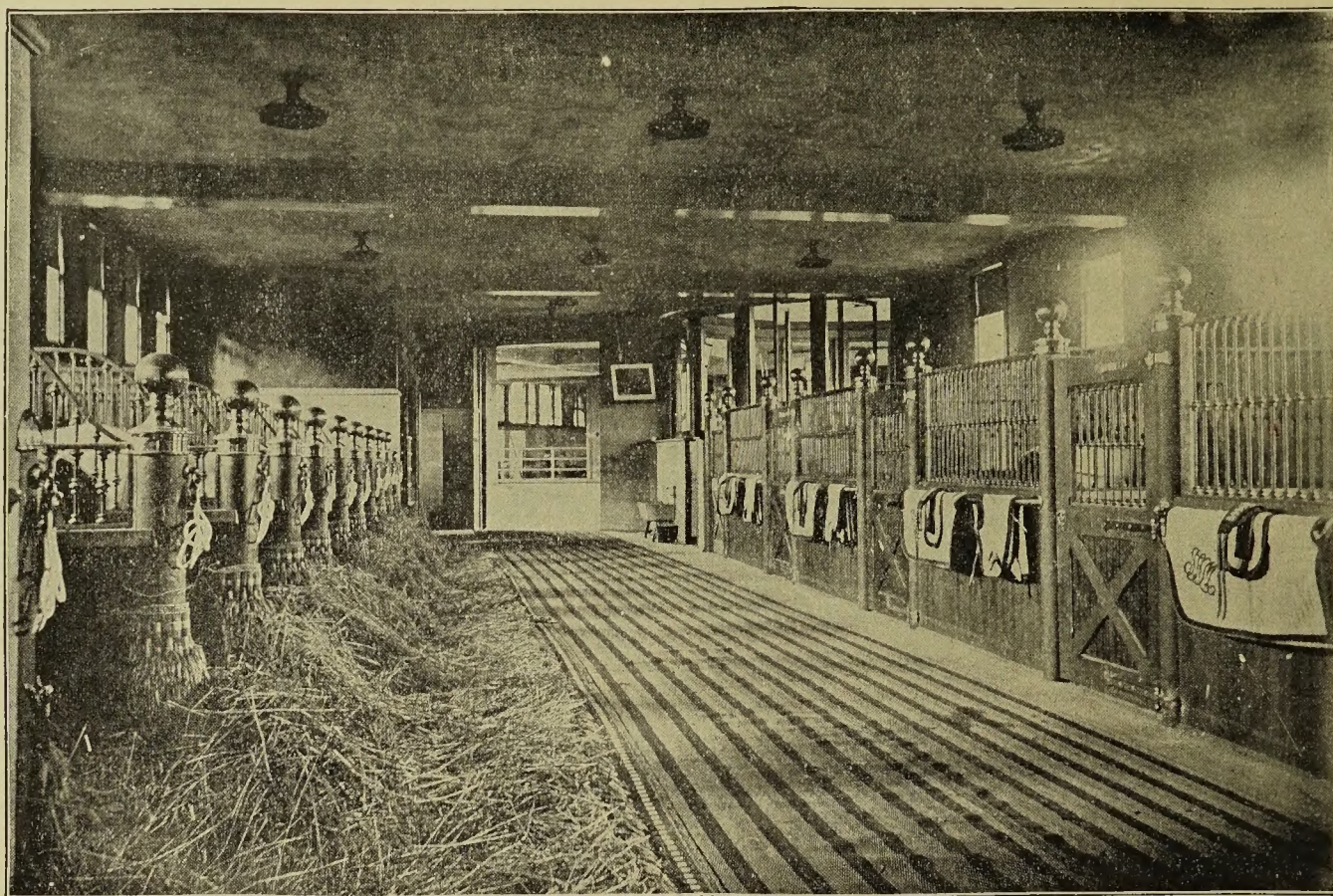
LAKE AND DEARBORN STS.

### CHICAGO

OCT 10 '18

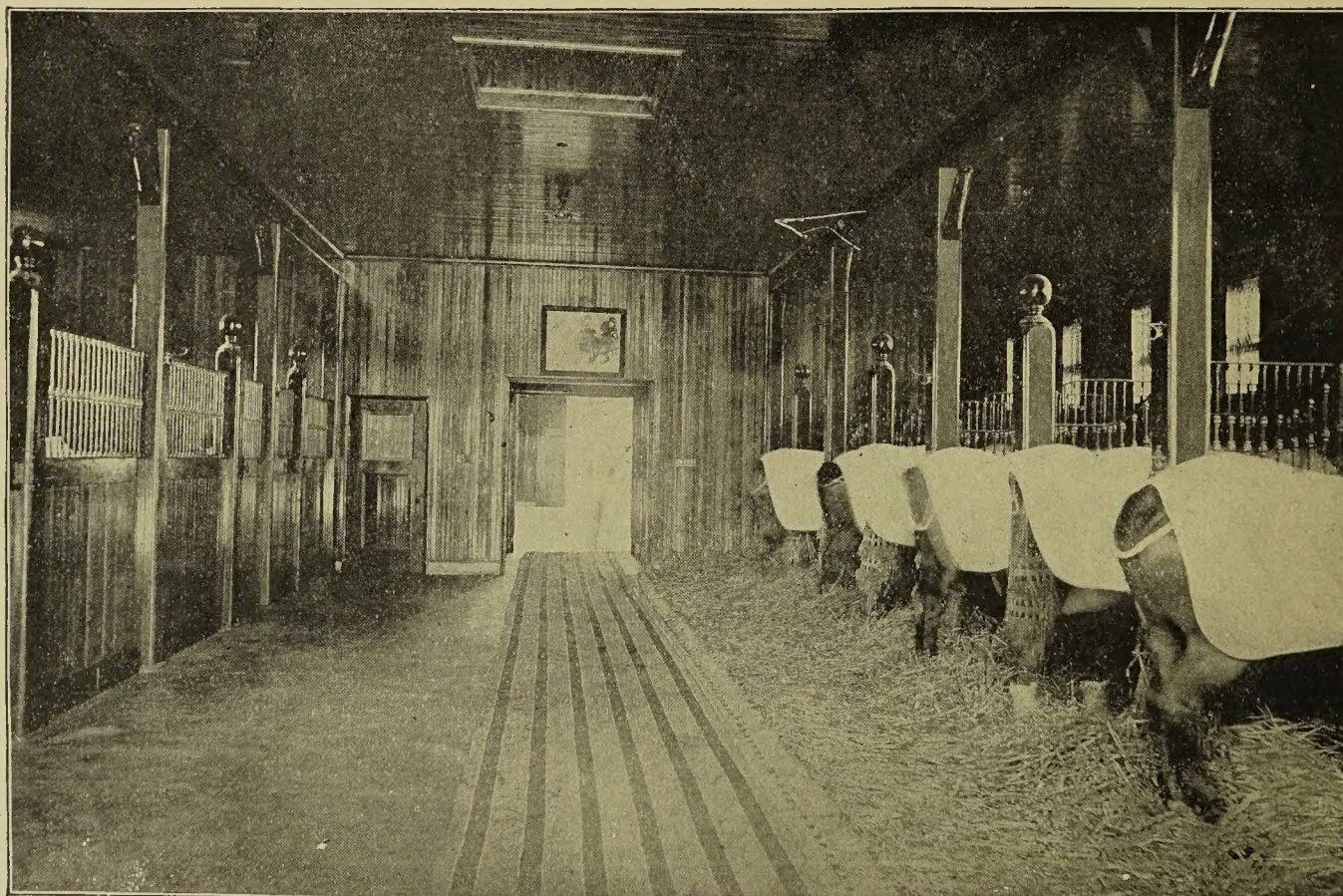
249

F. P. SMITH WIRE AND IRON WORKS, CHICAGO.



Interior of Mr. James Hobart Moore's Stable, at Lake Geneva, Wis.  
Furnished complete with our Stable Fittings.

Mr. Jarvis Hunt, Architect.



Interior of Mr. John Dupce's Stable, at Oconomowoc, Wis.  
Furnished complete with our Stable Fittings.

Mr. Frederick W. Perkins, Architect.

Among other private stables, which we have recently completely fitted up, we refer to

Hon. Thos. Kearns, U. S. Senator, Salt Lake City, Utah.	W. J. Bryson, Esq., Chicago, Ill.	Marshall Field, Jr., Chicago, Ill.
Hon. W. A. Clark, " Butte, Montana.	Otto Young, Esq., Lake Geneva, Wis.	Hon. Dan. R. Hanna, Cleveland, O.
John J. Mitchell, Esq., Chicago and Lake Geneva, Wis.	Montgomery Ward, Esq., Oconomowoc, Wis.	
Louis F. Swift, Lake Forest, Ill.	Col. Jas. P. Donahue, Davenport, Iowa, and many others.	

Classics  
AT  
7405  
F1  
1911

## TO THE TRADE

In presenting this new edition of our NO. 92 SPECIAL CATALOGUE OF STABLE FITTINGS, we wish to call your attention to our superior facilities for furnishing work of the highest quality and at the lowest prices possible consistent with the best workmanship and material.

We have our own pattern shops and foundry and our factory is the largest in the country for our kind of work.

The manufacture of fittings for stables has been our specialty for over a quarter of a century. The designers and mechanics of our stable fitting department have specialized in this line for many years past.

Particular attention has been devoted to proper drainage and ventilation and to the comfort of the horse.

In addition to the fittings illustrated and listed in this catalogue we are excellently equipped to manufacture specially to order promptly and economically fittings from special designs or architect's drawings.

We carry a large and complete stock of stable fittings and can make immediate shipment on all stock goods.

Prices quoted in this catalogue are at our factory, Chicago. Estimates on freight charges to any destination submitted on request. If goods are desired shipped via any particular route, kindly state so in your order; otherwise we will ship by route and by express or freight as we think best. Boxing and cartage charged at cost.

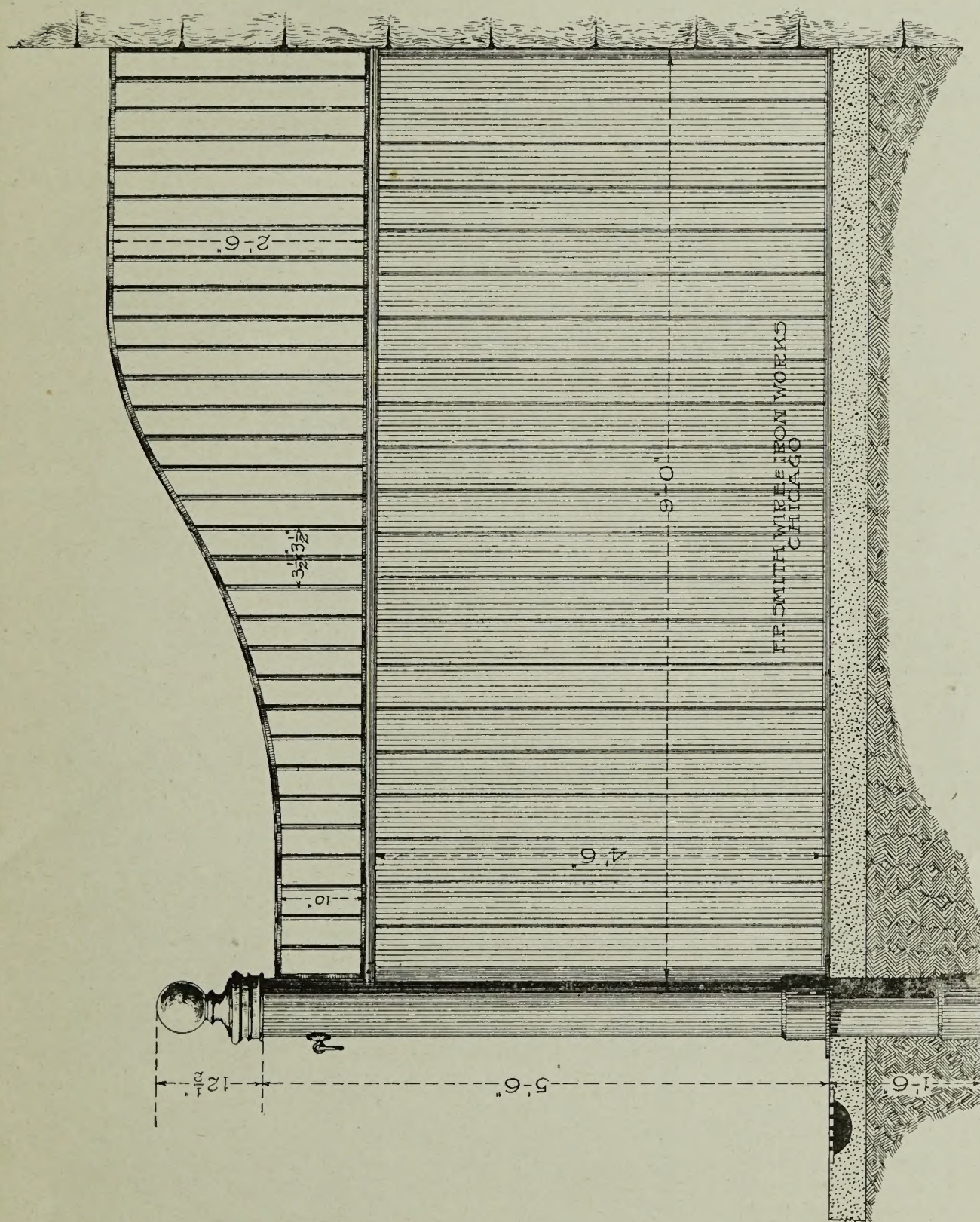
In ordering or specifying, please mention this catalogue number and the goods wanted by number and name, (not by pages), and state clearly and explicitly your wants. When goods are to be made to order always send sketch or diagram, if possible; this is particularly necessary for guards for box stalls and in laying out stable gutter. By observing this it will save you annoyance and delay caused by our writing for more information and will greatly facilitate the prompt execution of your orders.

We solicit your patronage and desire to thank our customers for past favors.

**F. P. SMITH WIRE AND IRON WORKS**

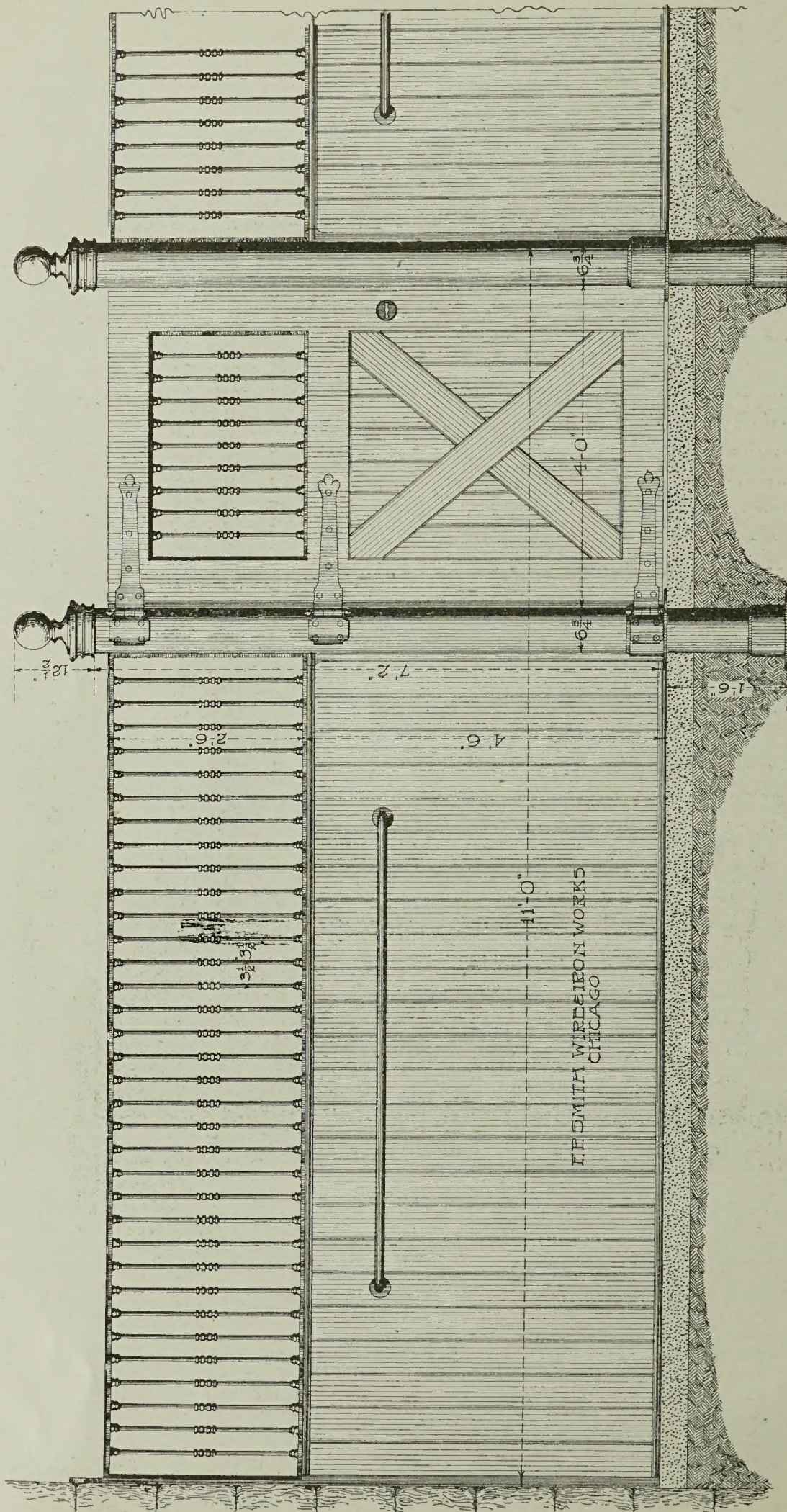
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## ILLUSTRATION OF OPEN STALL PARTITION

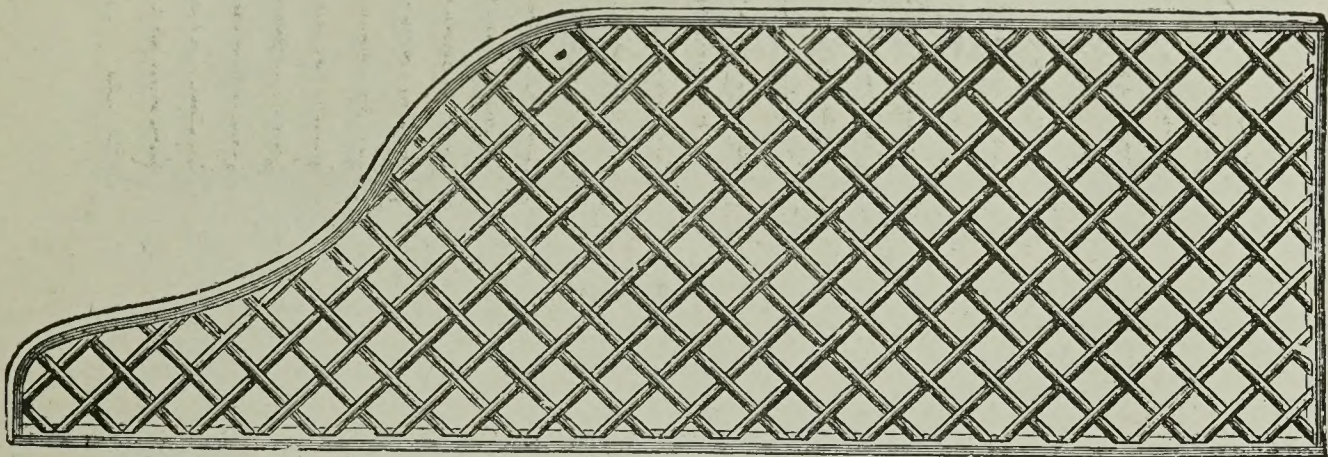
Showing our No. 27 extra heavy Steel Stall Post, (refer to page 18), No. 5 Iron Cap Rail and No. 6 Iron Base and Wall Rails, (refer to page 17), and wrought Steel Stall Partition similar to our No. 3, (refer to page 6).



FRONT VIEW OF BOX STALL PARTITION

Showing our No. 27 extra heavy steel Stall Post and No. 30 iron Wall Post, (refer to page 18), No. 5 iron Cap Rail and No. 6 iron Base Rail, (refer to page 17), No. 6 wrought steel Stall Partition, (refer to page 6), No. 235 Box Stall Door Hinges and No. 229 Mortise Latch, (refer to page 30) and No. 135 Blanket Brackets, (refer to page 24).

HEAVY WIRE STALL PARTITIONS

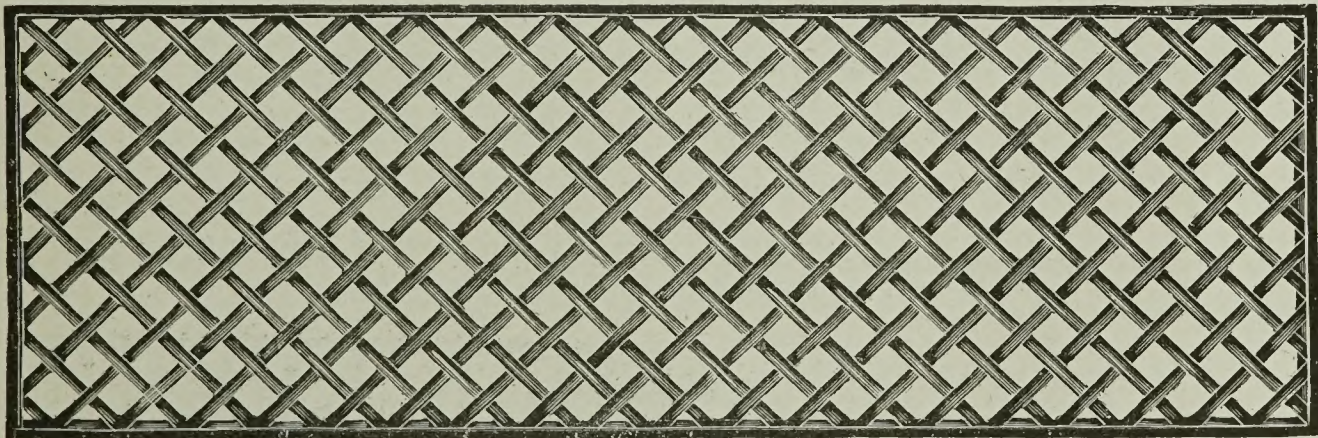


No. 1 Heavy Wire Stall Guard or Partition, with Channel Steel Frame.

HEAVY 1x1½-INCH STEEL FRAME, 2¾-INCH DIAMOND MESH.

STOCK LENGTHS.		Heavy No. 7 Wire.		Medium No. 8 Wire
5	feet long x 2 feet high, painted	each,	\$5.50	\$5.00
5½	“ “ x 2 “ “ “	“	5.75	5.25
6	“ “ x 2 “ “ “	“	6.00	5.50
6½	“ “ x 2 “ “ “	“	6.50	6.00
7	“ “ x 2 “ “ “	“	7.00	6.50
7½	“ “ x 2 “ “ “	“	7.50	7.00
8	“ “ x 2 “ “ “	“	8.00	7.50

We recommend our heavy Guards, made of No. 7 wire (3-16 inch), which we carry in stock in lengths given above



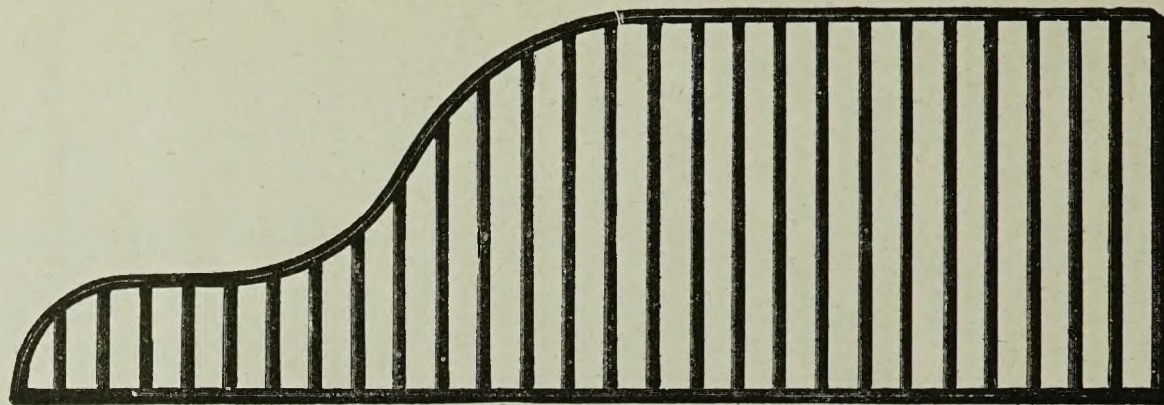
No. 1½ Heavy Wire Box Stall Guard or Partition.

SAME MATERIAL AS NO. 1 STALL GUARD. FINISHED TOP, WITH SCREW-HOLES ENDS AND BOTTOM.

Box Stall Guards, or special lengths and heights, square or curved ends, per square foot : **Heavy No. 7 Wire, 60 cents; Medium No. 8 Wire, 55 cents.**

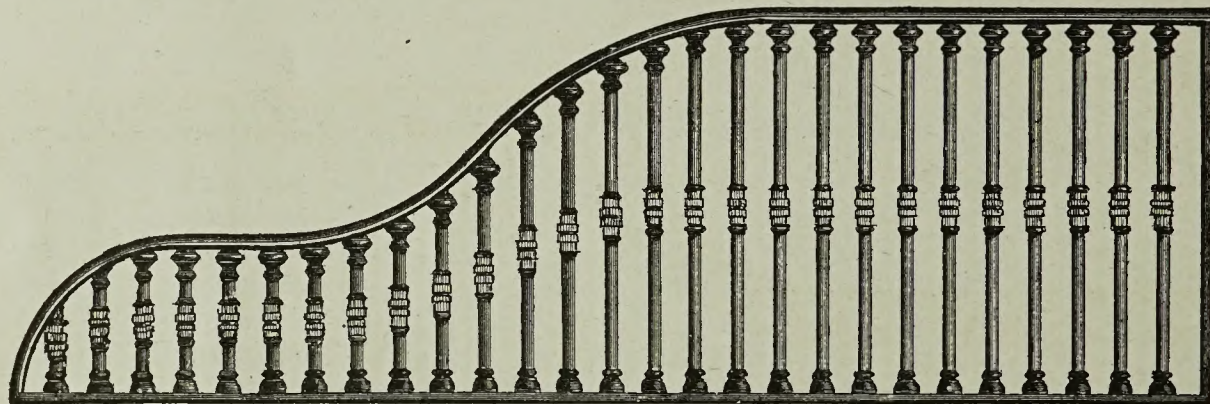
The Box Stall Work is usually made the same style of work and height as the Stall Partitions, with or without food doors, as may be required. These Stall Guards, or Partitions, have a strong, wrought steel frame, which is one inch wide at bottom, and fastens securely with screws. The wire rods are interwoven, as shown in cut, making a very durable and ornamental guard, much stronger than cast iron and not liable to be broken. A hard kick is liable to break a cast iron guard, and render it unsafe to have in a stall, while our heavy wire guards can never be broken.

Painted by our dipping process, preventing rust, usually Dark Green. Other colors to order.

**No. 3 Heavy Wrought Steel Stall Partition.**HEAVY  $1\frac{1}{4} \times 1\frac{1}{2}$  STEEL FRAME WITH  $\frac{1}{2}$ -INCH ROUND STEEL UPRIGHTS.

REGULAR LENGTHS.

5 feet long, 2 feet high, painted.....	each, \$	7.00
$5\frac{1}{2}$ " " 2 " " .....	"	7.50
6 " " 2 " " .....	"	8.00
$6\frac{1}{2}$ " " 2 " " .....	"	8.75
7 " " 2 " " .....	"	9.50
$7\frac{1}{2}$ " " 2 " " .....	"	10.25
Box Stall or special lengths and heights with curved or square ends..	per square foot,	.80

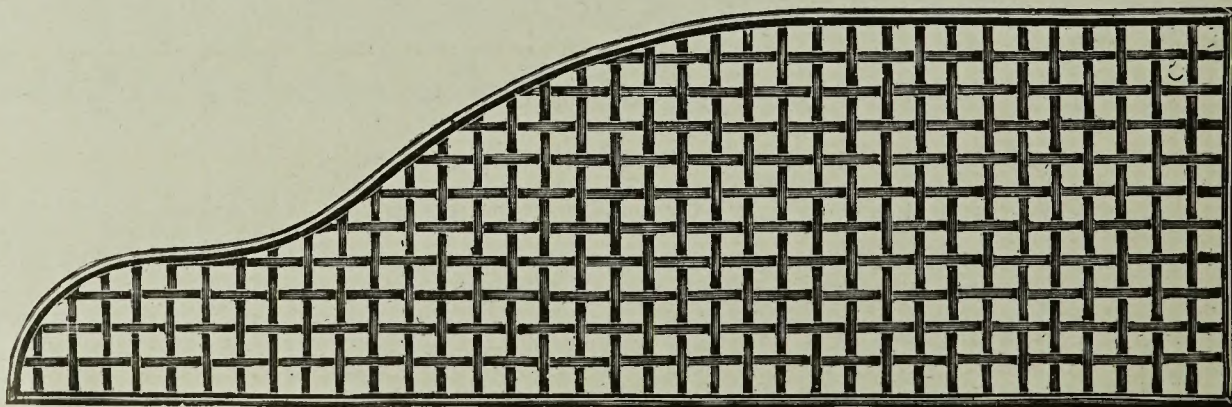
**No. 6 Heavy Wrought Steel Stall Partition.**HEAVY  $1\frac{1}{4} \times 1\frac{1}{2}$  STEEL FRAME WITH  $\frac{1}{2}$ -INCH ROUND STEEL UPRIGHTS.

Painted with ornaments bronzed gold.

REGULAR LENGTHS.

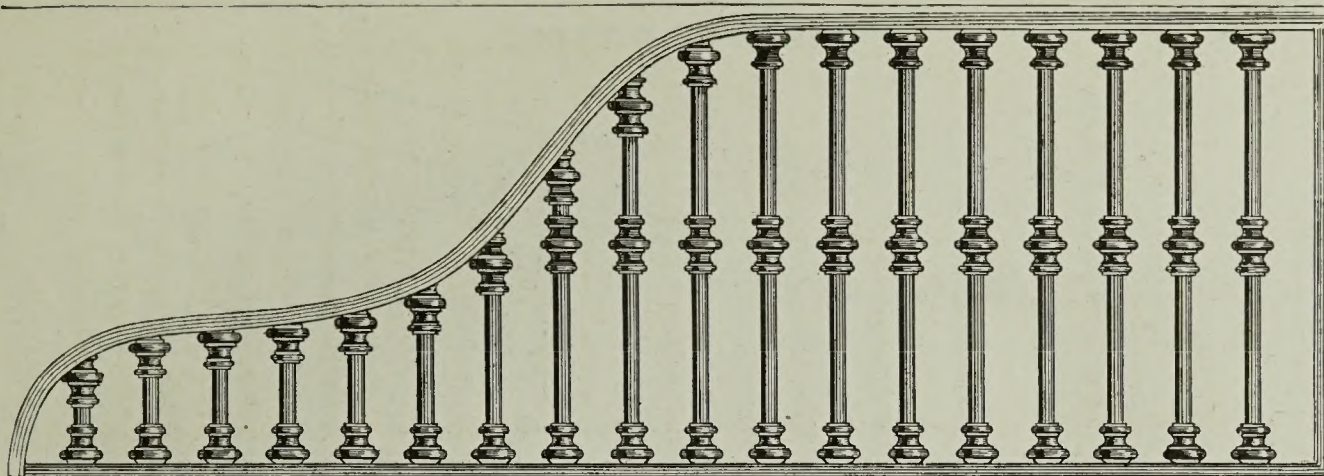
5 feet long, 2 feet high, painted.....	each, \$	16.50
$5\frac{1}{2}$ " " 2 " " .....	"	17.50
6 " " 2 " " .....	"	18.00
$6\frac{1}{2}$ " " 2 " " .....	"	19.50
7 " " 2 " " .....	"	21.00
$7\frac{1}{2}$ " " 2 " " .....	"	22.50
Box Stall or special lengths and heights with square or curved ends.....	per square foot,	1.75

This is a very handsome pattern for fine private stables.

**No. 8 Heavy Flat Iron Stall Guard.**MADE OF  $\frac{3}{8}$ -INCH FLAT IRON IN HEAVY  $1\frac{1}{4}$ -INCH STEEL FRAME.

Any length, curved or square ends.....per square foot, \$1.00

We make any special designs of Stall Guards, and will gladly furnish cuts and prices on application.



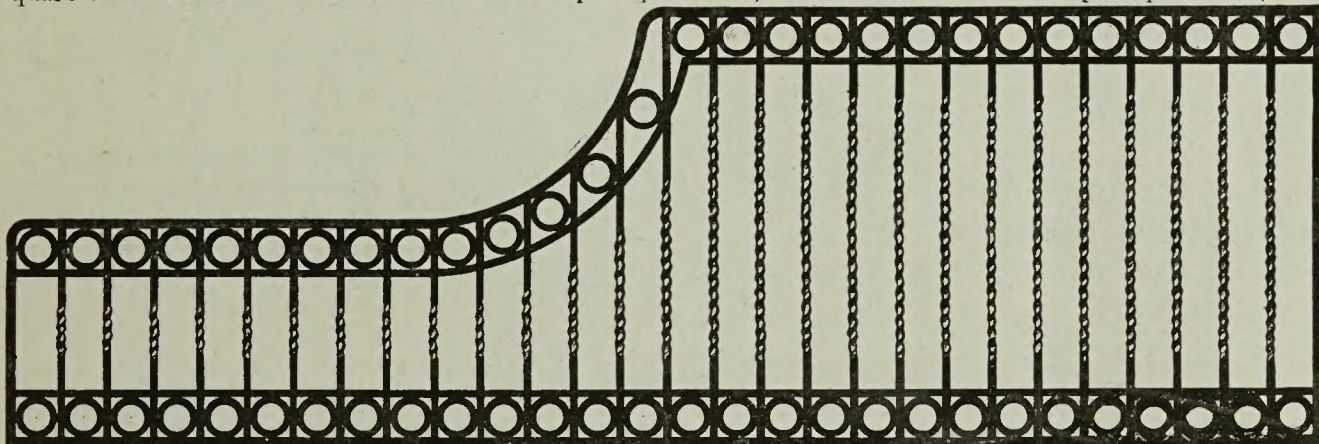
F. P. SMITH WIRE &amp; IRON WORKS, Chicago.

**No. 9. Heavy Wrought Steel Stall Partition.**MADE EITHER HEAVY  $1\frac{1}{4} \times \frac{1}{2}$  STEEL FRAME WITH  $\frac{1}{2}$ -INCH ROUND STEEL UPRIGHTS.OR EXTRA HEAVY  $1\frac{1}{2} \times \frac{1}{2}$  STEEL FRAME WITH  $\frac{3}{8}$ -INCH ROUND STEEL UPRIGHTS.

Regular lengths, made either curved en l (as shown) or square end like No. 10 Partition.

6 feet long, 2 feet 4 inches high $\frac{1}{2}$ -in. Round Steel, painted, each \$19.00.	Heavy $\frac{3}{8}$ -inch Round Steel, each, \$24.00
6 $\frac{1}{2}$ " " 2 " 4 " " " " " " " " " " 20.50.	" " " " " " " " 26.00
7 " " 2 " 4 " " " " " " " " " 22.00.	" " " " " " " " 28.00
7 $\frac{1}{2}$ " " 2 " 4 " " " " " " " " " 23.50.	" " " " " " " " 30.00
8 " " 2 " 4 " " " " " " " " " 25.00.	" " " " " " " " 32.00
9 " " 2 " 4 " " " " " " " " " 28.00.	" " " " " " " " 36.00

Box Stall or special lengths and heights with curved or square ends.....per square foot, 1.75 .....per square foot, 2.00



F. P. SMITH WIRE &amp; IRON WORKS, CHICAGO.

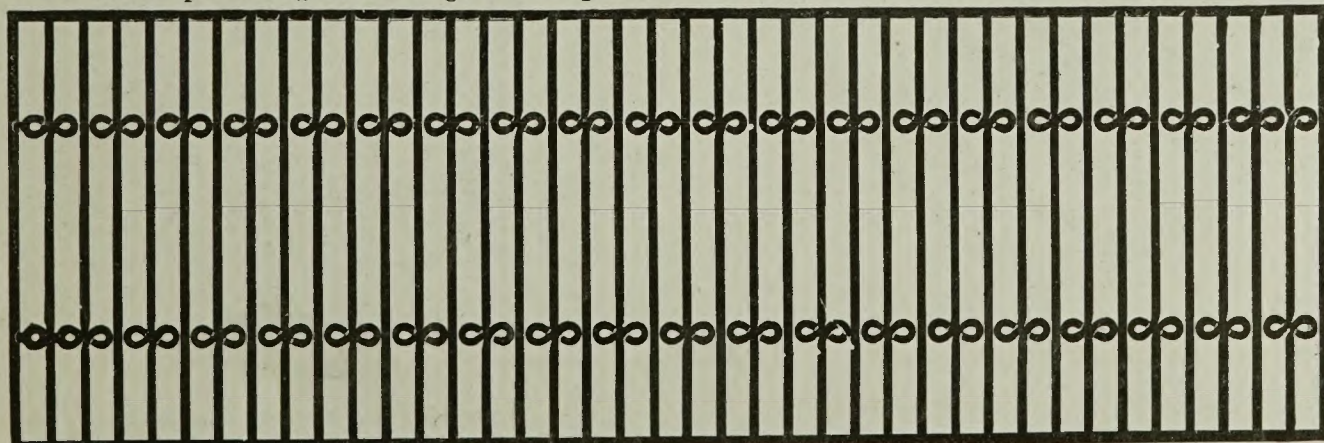
**No. 10. Heavy Wrought Steel Stall Partition.**HEAVY  $1\frac{1}{4} \times \frac{1}{2}$  STEEL FRAME WITH  $\frac{1}{2}$ -INCH SQUARE TWISTED STEEL UPRIGHTS.

This Square end Partition is intended to extend to front Stall Post and screw to it.

Regular lengths, made either square end (as shown), or curved end like No. 9 Partition.

6 $\frac{1}{2}$ feet long, 2 feet 4 inches high, painted.....each, \$27.00
7 " " 2 " 4 " " " " " " " " " " " 29.00
7 $\frac{1}{2}$ " " 2 " 4 " " " " " " " " " " " 31.00
8 " " 2 " 4 " " " " " " " " " " " 33.00
8 $\frac{1}{2}$ " " 2 " 4 " " " " " " " " " " " 35.00
9 " " 2 " 4 " " " " " " " " " " " 37.00

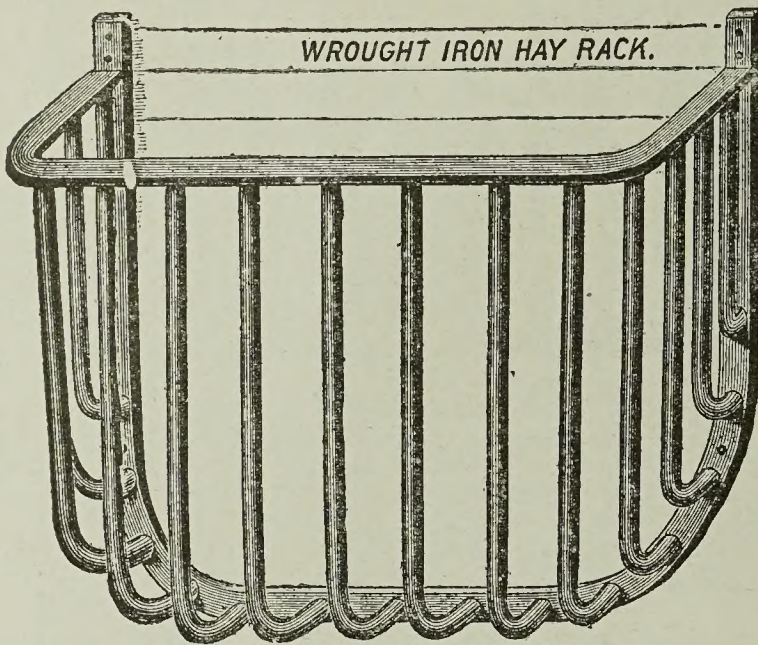
Box Stall or special lengths and heights with square or curved ends.....per square foot, 2.10



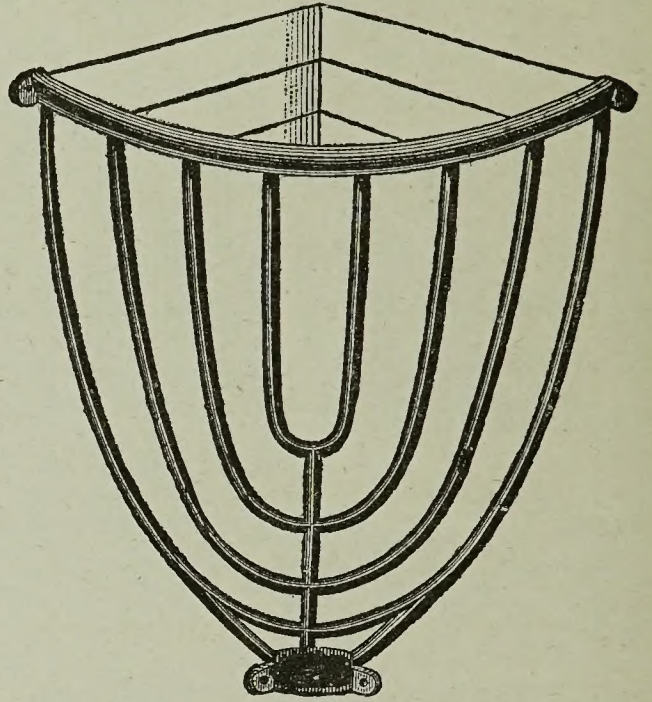
F. P. SMITH WIRE &amp; IRON WORKS, CHICAGO.

**No. 11. Heavy Wrought Steel Stall Partition.**HEAVY  $1\frac{1}{4} \times \frac{1}{2}$  STEEL FRAME WITH  $\frac{7}{16}$ -INCH SQUARE STEEL UPRIGHTS.

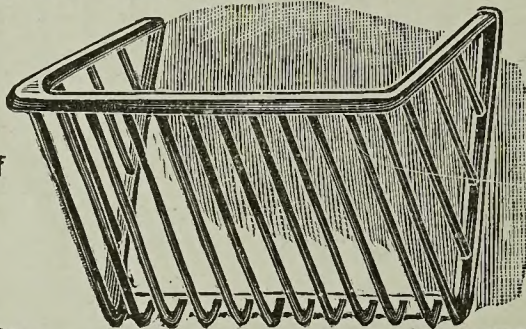
Any length, either curved, square, or full height ends, 2 feet, 4 inches high or higher, per square foot, \$2.00

**IRON HAY RACKS.****WROUGHT IRON HAY RACK.****Center Wrought Iron Hay Rack.**

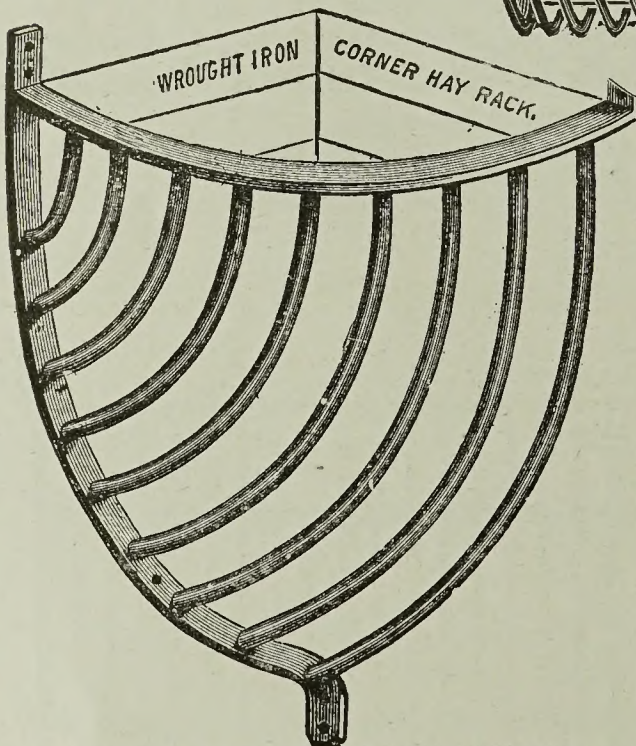
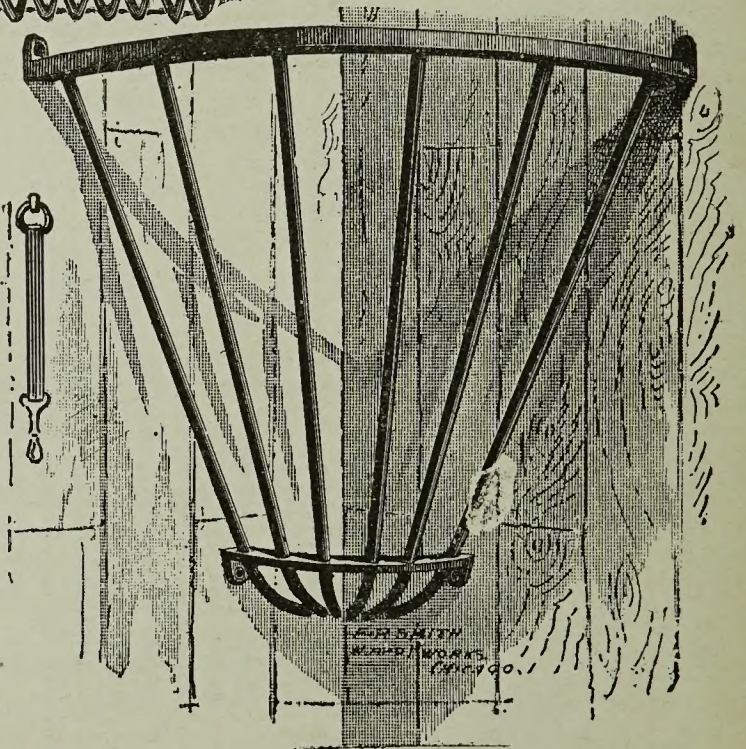
- No. 20. Small size, 24 in. wide by 30 in. high by 16 in. deep... each, \$6.00  
 No. 21. Medium size, 30 in. wide by 30 in. high by 16 in. deep... " 6.50  
 No. 22. Large size, 42 in. wide by 30 in. high by 16 in. deep... " 7.50  
 No. 23. Half Circle 36 in. wide by 30 in. high by 18 in. deep... " 6.50

**Cast Iron Corner Hay Rack.**

- No. 16. Size 24x28 inches high ..... each, \$3.50

**Square Wrought Iron Hay Rack For Center of Stall.**

- No. 30. Length 30 inches, height 30 inches, depth 18 inches... each, \$7.00  
 No. 31. Length 36 inches, height 30 inches, depth 18 inches... each, 7.50  
 With rabbet in top to receive boards for hay chute add \$1.00 to above prices.

**WROUGHT IRON CORNER HAY RACK.**

These Hay Racks can be furnished with additional cross bars like No. 43 at an extra cost of \$1.00.

**Wrought Iron Corner Hay Rack.**

- No. 25½. Regular 7-16 inch rods ..... each, \$3.00  
 No. 26. Heavy ½ inch rods ..... " 3.25  
 Size 24x36 inches high. Made for either right or left side of stall. Cut shows right hand Rack.  
 Any of our Hay Racks can be furnished with Rabbet at top to receive boards for Hay Chute.

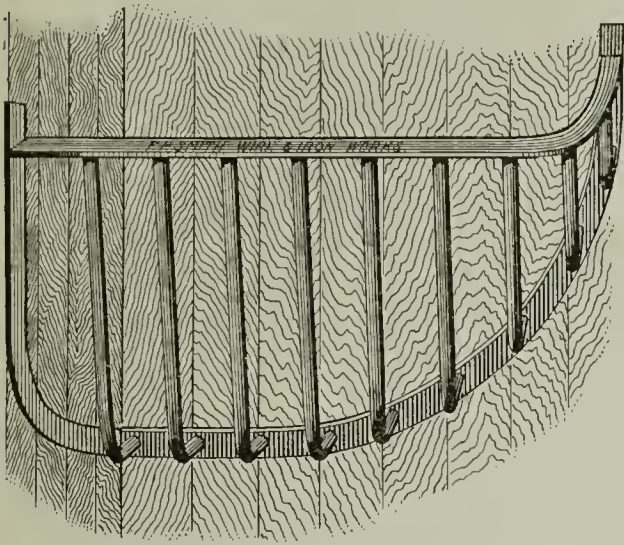
**Wrought Iron Corner Hay Rack.**

- No. 18. Regular 7-16 inch rods ..... each, \$3.25  
 No. 19. Heavy ½ inch rods ..... " 3.50  
 Size, width on top, 2 feet 10 inches; height, 3 feet. Projects 22 inches.

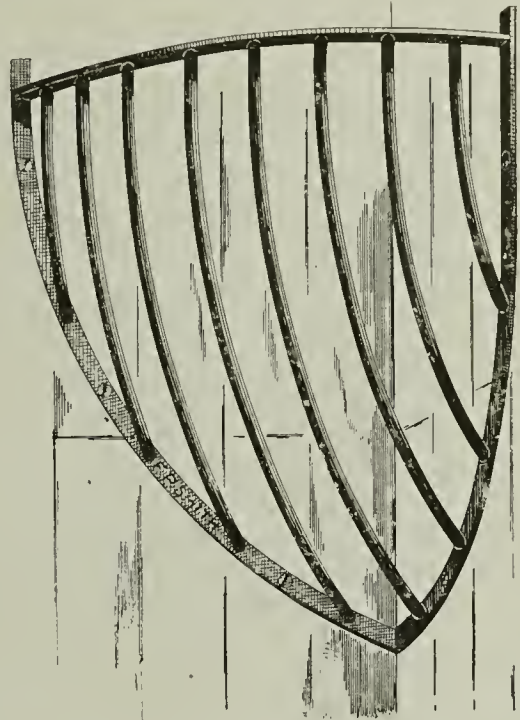
Projects 22 inches. for Hay Chute.

**All Goods Above Japan Finish.**

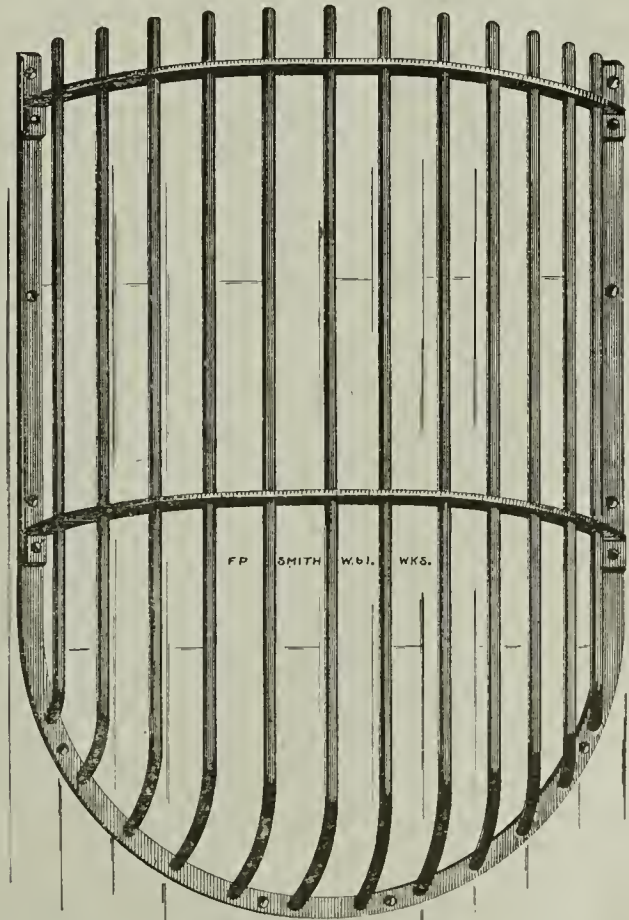
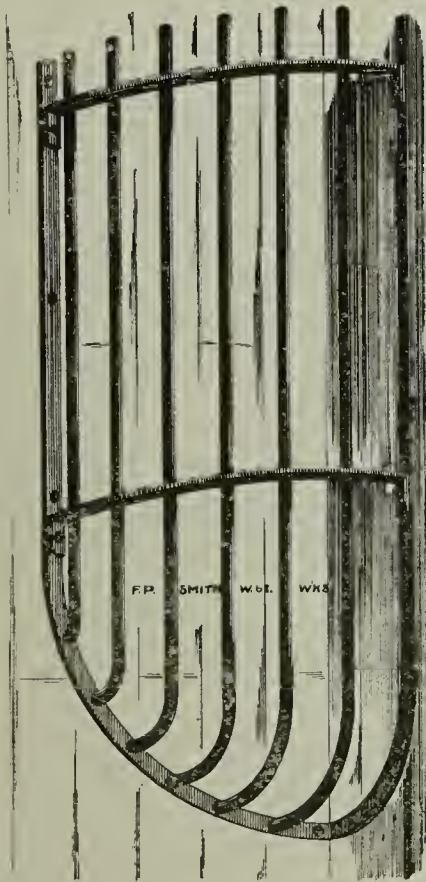
## IRON HAY RACKS

**Wrought Iron Low Feed Corner Hay Rack**

No. 41 Heavy  $\frac{1}{2}$  inch Rods .....each, \$5.50  
 Size 30 inches wide, 20 inches deep, 24 inches high,  
 Made with rods close together to prevent waste, as  
 horse feeds over the top same as in No. 65 combina-  
 tion Manger and Hay Rack, page 13. Made either  
 right or left. Cut shows left hand. Any size fur-  
 nished to order.

**Wrought Iron Corner Hay Rack**

No. 42 Heavy  $\frac{1}{2}$  inch rods ..... each, \$5.00  
 Size, projects 24 inches from corner, 35 inches high.  
 Suitable for either side of Stall. This is a new design  
 hay rack, made extra strong.

**Wrought Iron Extended Hay Racks for Hay Chutes**

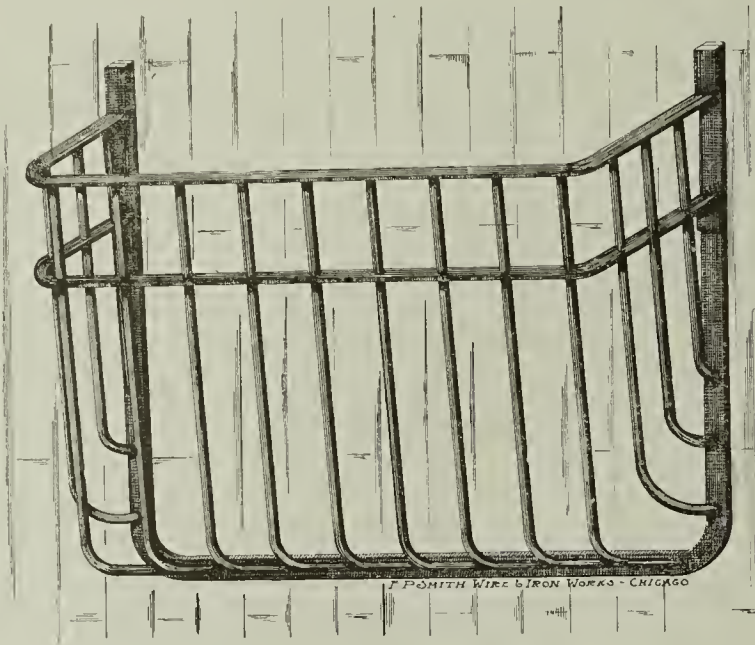
No. 45 Corner Rack, Heavy  $\frac{1}{2}$  inch rods, each, \$13.00  
 Size, projects from corner 20 inches, Height 5 feet  
 6 inches. Made either right or left. Cut shows right  
 hand.

No. 47 Half Circle Rack, Heavy  $\frac{1}{2}$  in. rods, each, \$16.00  
 Size, 33 inches wide, 5 feet high, 18 inches from wall.

No. 48 Large size Rack, Heavy  $\frac{1}{2}$  inch rods, each, \$20.00  
 Size, 42 in. wide, 5 ft. 6 in. high, 19 in. from wall.

Any of our Hay Racks can be furnished with Rabbet at top to receive boards for Hay Chute.

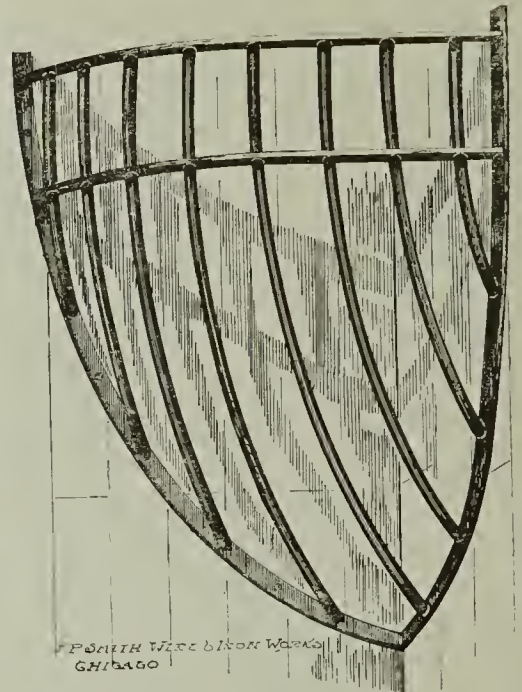
## IRON HAY RACKS



Wrought Iron Center Hay Rack

Heavy  $\frac{1}{2}$ -inch Rods

- No. 48 Small size, 24 in. wide by 30 in. high by 16 in. deep..... each, \$ 7.50  
 No. 49 Medium size, 30 in. wide by 30 in. high by 16 in. deep.....each, 8.00  
 No. 50 Large size, 42 in. wide by 30 in. high by 16 in. deep.....each, 9.00  
 No. 51 Half circle, 36 in. wide by 30 in. high by 18 in. deep ..... each, 8.00



Wrought Iron Corner Hay Rack

Heavy  $\frac{1}{2}$  inch Rods,

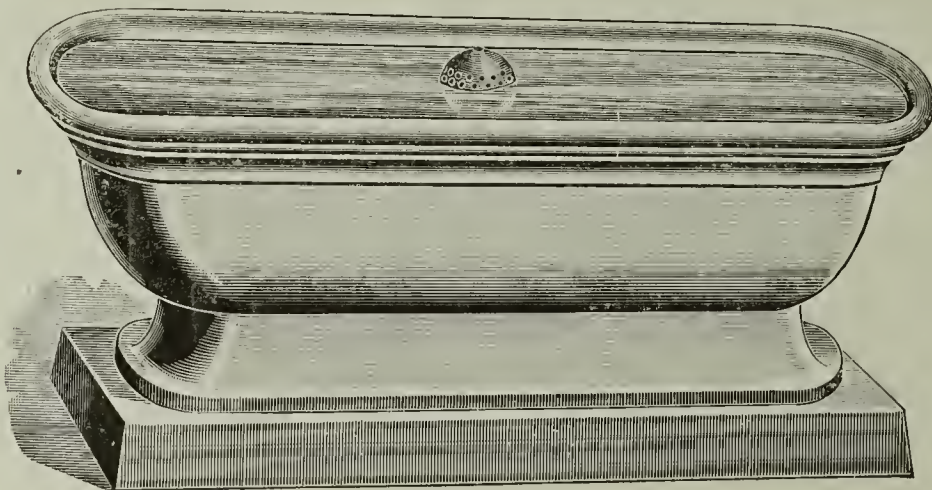
- No 43 ..... each, \$6.00

Size, projects 24 inches from corner, 35 inches high. Suitable for either side of stall.

The above Hay Racks are of the most substantial construction made, the additional cross-bar breaks all strain on the rods, making it impossible for the rods to pull out. They are especially recommended where a Hay Rack is required to resist extremely rough usage, or where you desire a fixture that will last an endless number of years.

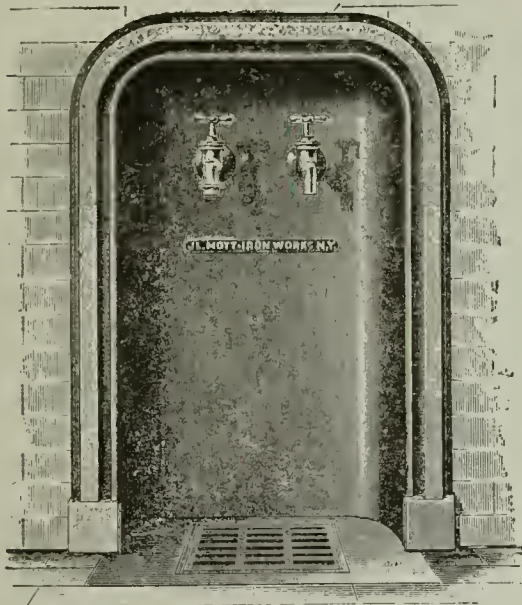
Any of our Hay Racks can be furnished with rabbet at top to receive boards for hay chute.

## HORSE DRINKING FOUNTAIN



- No. 25 Iron Horse Drinking Fountain..... painted, \$50.00  
 Size, 1 foot 9 inches high; 3 feet 10 inches long; 2 feet 1 inch wide. Base, 3 feet 4 inches by 1 foot 6 inches. With Overflow.  
 Complete Catalogues of Drinking and Display Fountains sent on request.

## WATERING TROUGHS AND IRON NICHES.

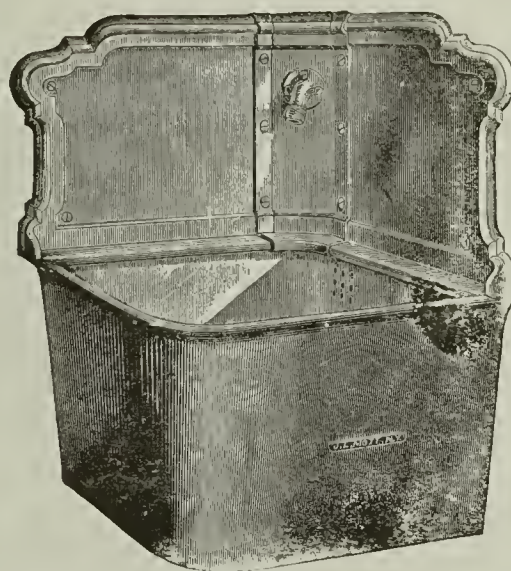


"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

### Iron Niche for Water Supply.

No. 88, without Faucets.....	Plain. \$25.00	Enam'd. \$48.00
Price includes Trapped Cesspool and Grating.		
Nickel plated Faucets, each, extra, \$2 00.		
Size, 30 in. high x 20 in. wide. Revers, 7 in.		

The above is a very neat arrangement for bringing the water supply into a flush recess in the wall of Stables and Washing Rooms, and is arranged for attaching Hose to Faucet. Furnished with either one or two Faucets as may be required. The trapped Grating with Cesspool below receives the waste water.



"Copyright, 1892 and 1900, by The J. L. Mott Iron Works."

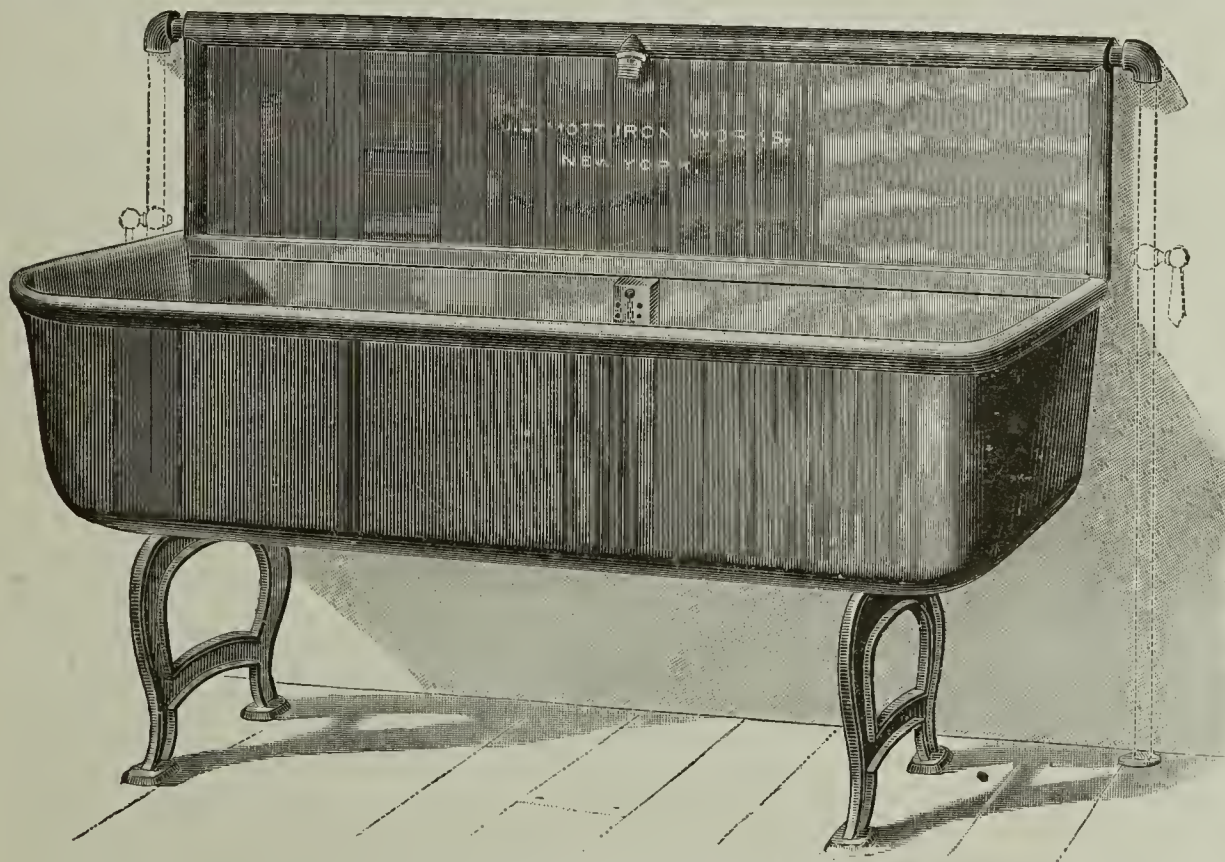
### Corner Water Trough.

	Plain.	Galvan'd.	Enam'd.
No. 85, with iron back.....	\$14.00	\$22.50	\$29.00
No. 86, without “ .....	7.00	11.50	16.00

Size, front, 21 in., side, 18 in., depth, 12 in.

Furnished with Patent Overflow, Supply Pipe Couplings, Nickel Plated Hose Nozzle and Plug, Strainer.

This trough can be fastened to wall in corner, and for small stables or where it is not convenient to give other space it is especially recommended.



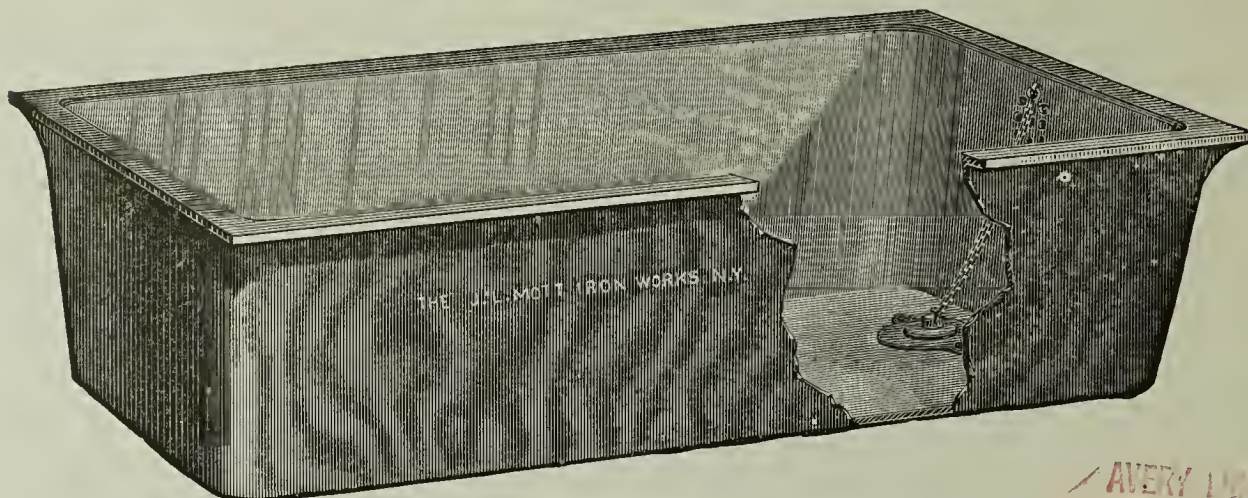
"Copyright 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

### Improved Water Trough.

			Improved Water Trough.		Plain.	Galvan'd.	Enam'd.
No. 90,	30 in. long,	19 in. wide,	12 in. deep,	each.....	\$23.50	\$38.00	\$39.00
No. 91,	36 "	19 "	12 "	" .....	26.00	42.00	43.00
No. 92,	42 "	19 "	12 "	" .....	28.50	46.00	47.50
No. 93,	48 "	19 "	12 "	" .....	31.00	50.00	54.00

The above Troughs are furnished with Patent Overflow, Pipe, Nickel Plated Hose Nozzle, Plug and Chain complete. Can be furnished without either iron back or iron Legs, if desired, at reduced cost.

## Watering Troughs.



"Copyright 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

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COLUMBIA UNIVERSITY

### Standard Water Trough.

All complete with patent Overflow, Plug, Strainer, Rubber Plug and Chain.

	Plain	Galvanized	Enameled		Plain	Galvanized	Enameled
No. 1, 20x14x12 in. deep.....	\$ 6.10	\$10.10	\$11.75	No. 6, 36x21x16 in. deep.....	\$19.75	\$36.75	\$38.50
" 2, 20x16x12 " .....	6.75	12.35	15.00	" 7, 48x20x12 " .....	22.35	40.75	43.50
" 3, 24x20x12 " .....	8.10	14.00	17.00	" 8, 48x20x17 " .....	27.60	48.50	51.50
" 4, 30x20x12 " ....	12.00	21.15	22.75	" 9, 60x20x12 " ....	27.40	49.50	52.00
" 5, 36x21x12 " .....	14.60	26.35	28.00	" 10, 72x20x12 " ....	32.50	60.00	61.00

### Special Narrow Water Troughs,

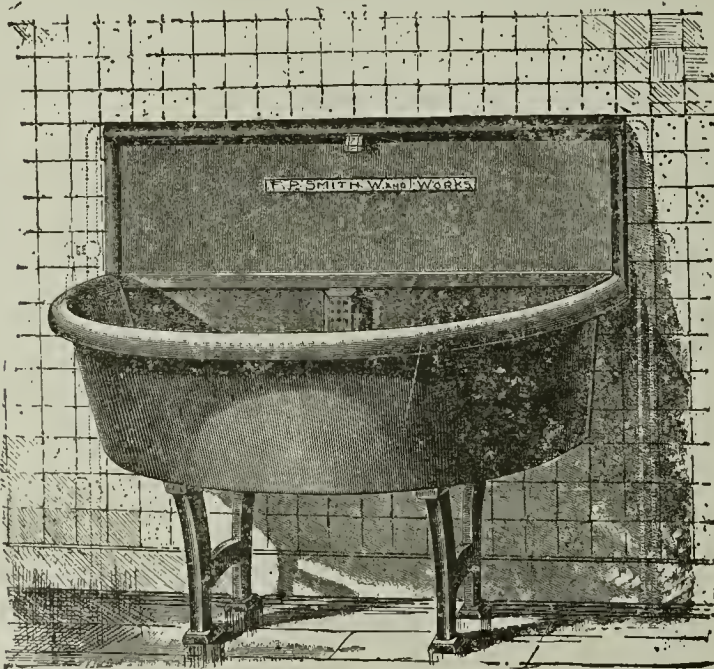
Similar to above except Overflow on long side.

	Plain	Galvanized		Plain	Galvanized
No. 11, 36x15x10 in. deep.....	\$ 9.75	\$17.50	No. 14, 72x15x10 in. deep.....	\$19.50	\$33.25
" 12, 48x15x10 " .....	13.00	22.75	" 15, 84x15x10 " .....	22.75	37.75
" 13, 60x15x10 " .....	17.50	29.25	" 16, 96x15x10 " .....	26.00	44.25

### Mixing Troughs for Cut Feed,

Similar to above except without Overflow or Strainer.

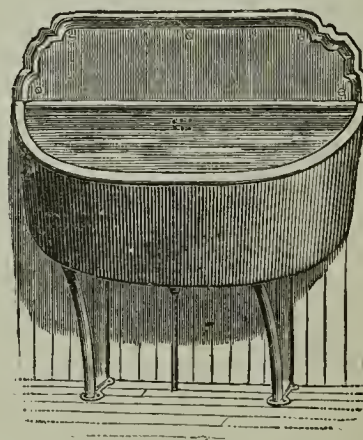
No. 20, 36x21x16 in. deep. Plain.....	\$18.50	No. 23, 60x24x20 in. deep. Plain.....	\$44.50
" 21, 48x20x17 " .....	26.00	" 24, 72x24x20 " .....	49.50
" 22, 48x24x20 " .....	39.00		



### Half Circle Water Trough.

	Plain	Galvanized	Enameled
No. 80, 41x18x10 in. deep. Each	\$28.50	\$45.50	\$47.00

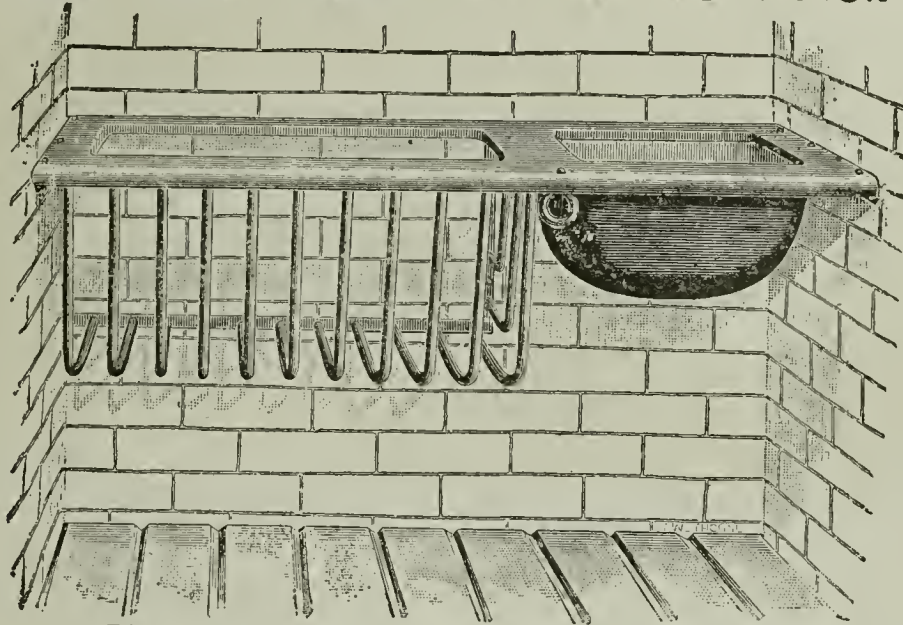
The above Trough is furnished with Patent Overflow Pipe, Nickel-plated Hose Nozzle, Plug and Chain complete. Can be furnished without Iron Back or Iron Legs if desired at proportionate price.



### Small Half Oval Water Trough.

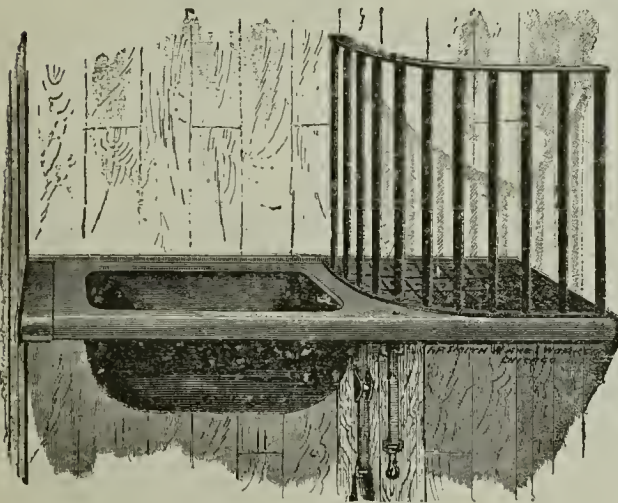
	Plain
No. 81, as shown with Back and Legs.....	\$18.00
" 82, with Legs and without Back.....	16.00
" 83, without Legs and Back.....	14.00

Size 30x17x12 inches deep, with Overflow, Plug and Chain.

**COMBINED CAST IRON MANGER WITH WROUGHT IRON HAY RACK.****Right Hand, Can Also Be Furnished Left Hand.**

		Painted.	Manger Galvanized.	Manger Enameled.
No. 55, Length, 4 ft. 6 in.	.....	each, \$20 00	\$23.00	\$24 00
" 56 " 5 ft. 0 in.	.....	" 22.00	25.00	26.00
" 57 " 5 ft. 6 in.	.....	" 24.00	27.00	28.00

Width of Hay Rack 1 foot 8 inches, Depth 2 feet. Oat Box 15x18 inches x 9 inches deep.  
 Without Hitching Ring deduct from list 50 cents.  
 With Leather Halter Strap with Weight and Guide, as shown in cut below, add \$3.00.  
 Any length made to order.

**New Pattern Manger and Hay Rack, with Cast Iron Seed Tray.**

		Painted.	Manger Galvanized.	Manger Enameled.
No. 60, Length, 4 ft. 6 in.	each, \$25.00	\$28.00	\$29.00	
" 61, " 5 ft. 0 in.	" 27.00	30.00	31.00	
" 62, " 5 ft. 6 in.	" 29.00	32.00	33.00	

Any length made to order. Width, 2 feet.

Without Leather Halter Strap with Weight and

Guide deduct.....\$3.00

Cut shows Left Hand. Can be furnished Right Hand if desired.

Can be made with rounded corner for Box Stalls at same prices, similar to No. 65 Pattern below.

Any special style or height Hay Rack furnished at proportionate prices.

**No. 65 Pattern Cast Iron Manger, with Wrought Iron Hay Rack.**

Adapted for Box or Large Stalls.

Complete, painted finish.....	each, \$25.00
" Manger Galvanized.....	28.00
" " Enameled.....	30.00

Size 4 feet long by 2 feet 5 inches on side.

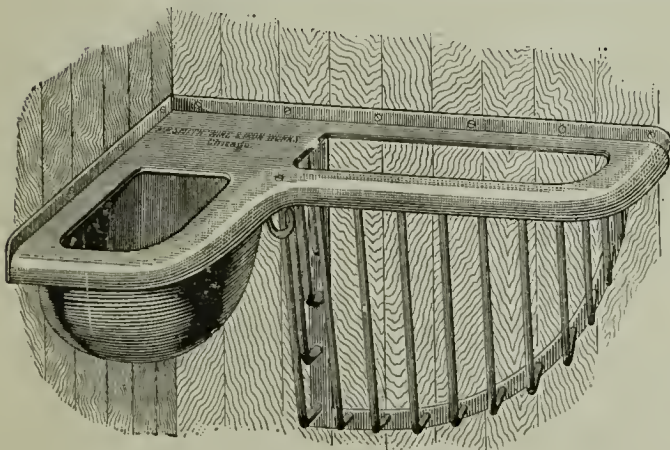
Oat Manger Diameter 15 inches. Depth 11 inches.

Without Hitching Ring deduct from list 50 cents.

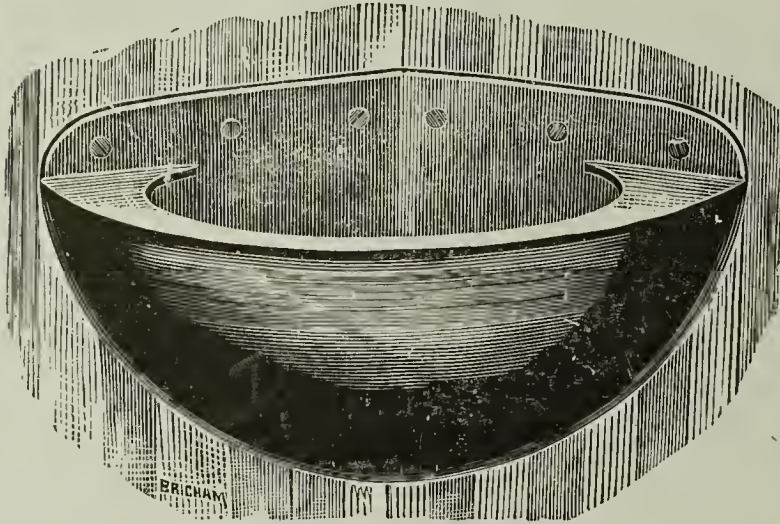
This style of Manger effectually prevents any waste of Oats.

If desired can be furnished with No. 28 Manger shown on page 72 at same prices, or with No. 29 Manger and Water Pot at \$2.50 additional painted, and \$4.00 Galvanized or Enameled.

Special designs made to order. Prices on application.

**Left Hand, Also Furnished Right Hand.**

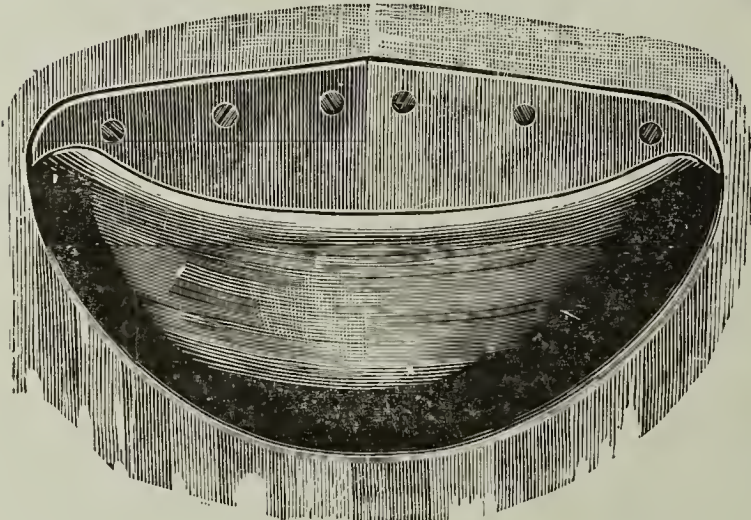
## REGULAR OAT MANGERS.



### Corner Oat Mangers.

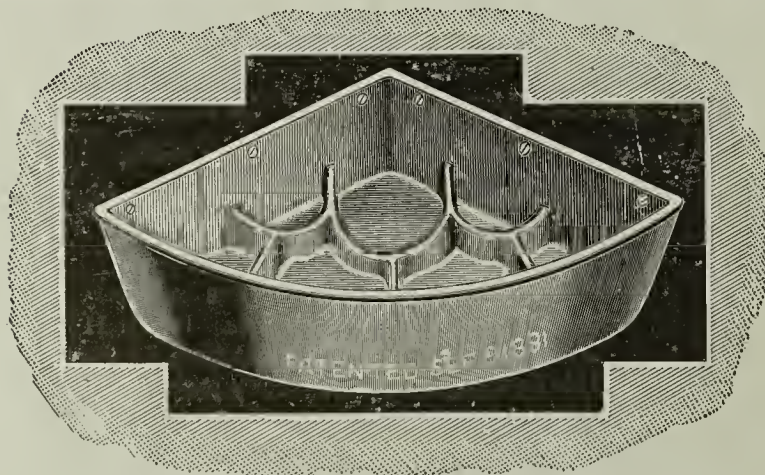
WITH FLANGE TO PREVENT WASTE OF FOOD.

		Japanned.	Galvanized.	Enameled.
No. 1.	Regular size, 16x16x9½ deep...	\$2.00	\$3.75	\$4.50
No. 2.	Large size, 17x17x10 deep.....	2.50	4.75	5.50



### Roll Flange Corner Mangers.

		Japanned.	Galvanized.	Enameled.
No. 4½.	Regular size, 16x16x9½ .....	\$2.50	\$4.75	\$5.50
No. 5½.	Large size, 17x17x10.....	3.00	5.00	5.75



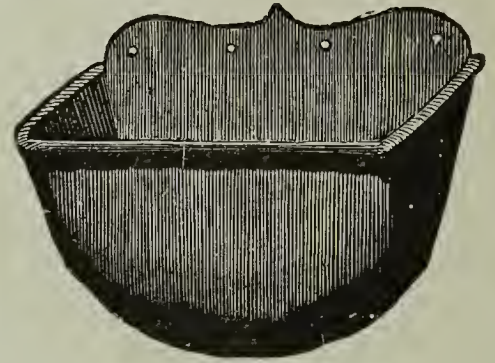
### Patent "Slow Feed" Corner Manger.

TRADE MARK REGISTERED.

		Japanned.	Galvanized.	Enameled.
No. 21.	Size, 17x17x6 deep.....	\$2.50	\$4.75	\$5.50

Each Manger has seven cells, each cell holding over one pint, from which the grain cannot be poked, preventing waste and fast eating. Total capacity, 15 quarts. Over 15,000 in use.

Indorsed by the largest stables.

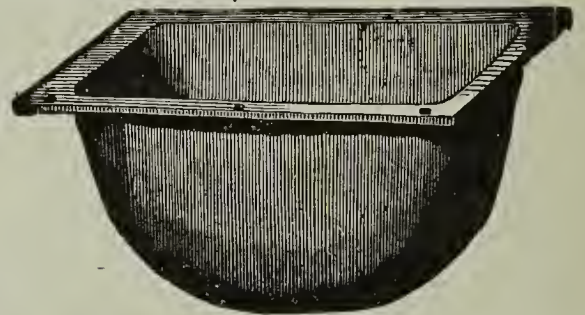


### Square Mangers.

WITH FOOD FLANGES.

No. 7.	Size, 18x12x8 deep, Jap'd.	\$3.25
No. 8½.	Size, 24x14x11 " "	4.75

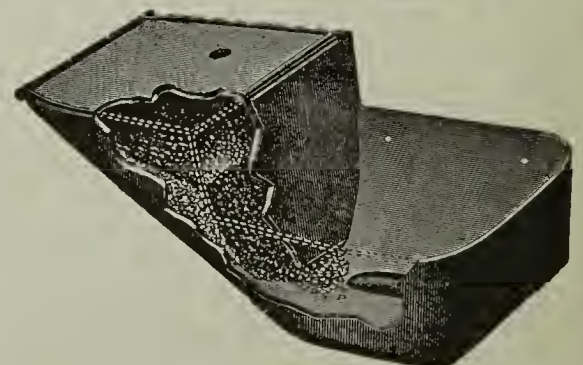
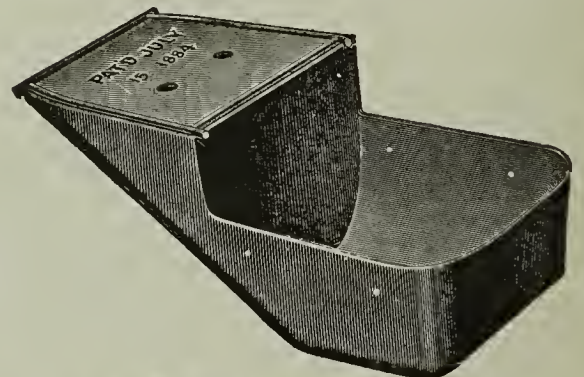
This Manger can be furnished detachable with wrought iron attachment to fasten to wall so it can be removed at pleasure. Add to list \$1.00.



### Square Manger.

WITH FOOD FLANGES ALL AROUND.

No. 12½.	Size, 20x14 x8 deep, Jap'd....	\$3.00
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### Patent Magic Manger.

No. 22½.	Size, 23½x 11x6 deep, Jap'd, each	\$6.00
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This Manger is made to go across the stall in front, horse eating from the side. The cover can be raised for the oats to be put in and the supply to the animal flows gradually as eaten.

Specially recommended for horses who bolt their food.

## SPECIAL OAT MANGERS

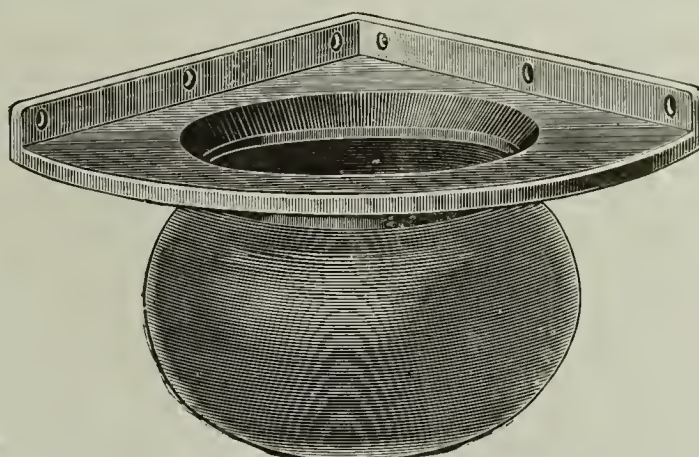


**Mott's Clean-out Manger, with Oat-Sifting and Removable Bottom**

Patented Feb 16th, 1886

Japanned Galv'd Enam.  
No. 25 Size 17x17x10in. Deep \$4.50 \$6.00 \$8.00

Each Manger is furnished with both Sieve and solid Removable Bottoms, a very simple and novel arrangement, whereby the dust in the feed is allowed to pass through the wire Sieve bottom; and can also be used with Solid Bottom. In either case the adjustable bottom furnishes a simple and most effectual method of emptying and cleaning the Manger.



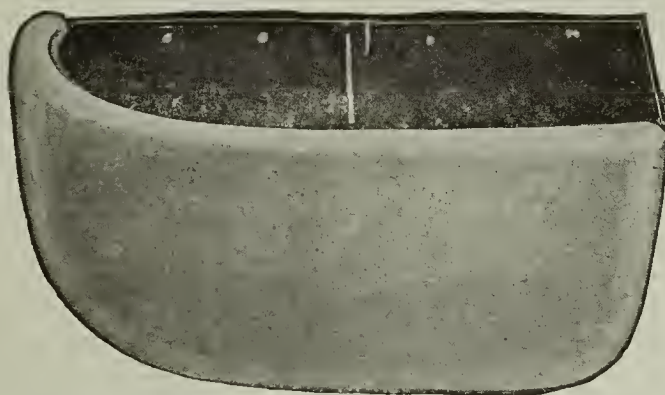
**Corner Manger**

No. 31 Length on side, 16 in., depth, 9½ in., diameter of pot, 14 in.

Japanned Galv'd Enam.

Price..... \$3.75 \$6.75 \$8.50

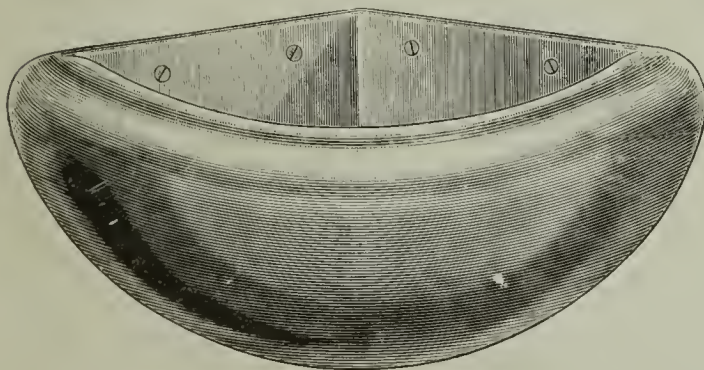
The above Manger is strongly recommended, being furnished with an effectual Food Guard all around, thus preventing any waste of oats.



**Right and Left Corner Manger, with Roll Food Guard at Front and End**

	Japanned	Galv'd	Enam.
No. 28—22 x 14 x 10, with cross bar.....	\$ 5.00	\$ 7.50	\$ 8.50
No. 29—22 x 14 x 10, without cross bar .....	4.50	7.00	8.00

The above is specially designed for cut feed and shows the right-hand manger with crossbar. Capacity 32 quarts.



**Corner Manger  
Extra Heavy Roll Front Food Guard**

Japanned Galv'd Enam.  
No. 30..... \$3.50 \$6.00 \$7.00  
Size 17x17x10 inches deep.

## COW BOWLS



No. 10—14x8½x7 inches deep..... \$ 1.50  
No. 11—16x 8 " " ..... 2.00  
No. 12—18x9x8 " " ..... 2.25

The above prices are for japan finish. Can also be furnished galvanized or enameled at additional charge. We ship these with hole tapped in back for one-half inch pipe unless otherwise specified.

## HITCHING POSTS AND POST CAPS



**No. 10 Jockey Hitching Post**

Painted natural colors. . each, \$40.00  
Height, 50 inches, including base,  
14 inches x 8 inches high.

### Iron Post Cap

No. 109. 5 inches diameter,  
..... each, \$0.75

No. 110. 6 inches diameter,  
..... each, 1.00

Inside diameter given to fit on  
wood posts.



Any of our Hitching Posts can  
be made with flange to fasten to  
sidewalk if desired.

### Horse Head

For wood hitching post  
No. 107. Painted..... each, \$2.75  
Inside diameter 5 1/4 inches, out-  
side diameter, 6 inches. Suitable for  
posts 4 1/2 to 7 inches diameter.



No. 3.  
Standard.  
Painted

Each ..... \$7.50  
Height, 68 ins.  
Diameter, 5 ins.

No. 9 1/2.  
Double Cross,  
Painted

Each ..... \$7.00  
Height, 66 ins.  
Diameter, 4 1/4 ins.

No. 8  
Grape Vine  
Painted

Each ..... \$7.50  
Height, 66 ins.  
Diameter, 5 ins.

No. 5 1/2  
Horse Head  
Painted

Each ..... \$9.00  
Height, 74 ins.  
Diameter, 6 ins.

No. 7  
Rustic  
Painted.

Each ..... \$5.00  
Height, 68 ins.  
Diameter, 4 ins.

**No. 24 Tubular  
Post**

Two and one-half  
feet long, to set on  
sidewalk.  
Each ..... \$2.00

Five feet long, to  
go in ground,  
Each ..... \$3.00  
A new style, and  
very handy to pass  
strap through.

**No. 22 Tubular  
Hitching  
Post**

Two and one-half  
feet long, to set on  
sidewalk.  
Each ..... \$2.50

Five feet long, to  
go in ground.  
Each ..... \$3.50

### Hitching Weights

10, 15, 25 and 35 lbs.

Japanned.

Per lb..... \$0.10

## Stall Partition Rails.

**No. 5 Cap Rail, with Groove for Wood up to 2 inches.**

Price, per lineal foot, any length furnished to order.....\$0.75  
 " " " with groove in top to receive Stall Guard ..... .90

**No. 6 Base or Wall Rail.**

Price, per lineal foot, with groove for wood up to 2 inches.....\$0.75  
 With order please give thickness of wood.

**Cast iron Corner Wheel Guard**

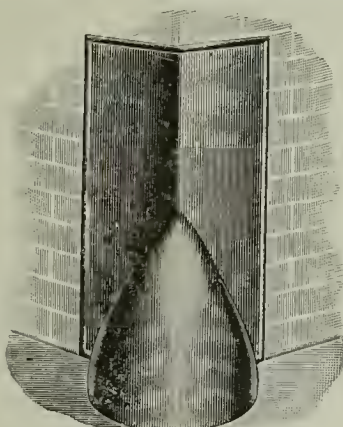
No. 151. Size, 5 inches wide, 24 inches high, per pair.....\$12.00

No. 152. Size, 7½ in. wide, 24 inches high, per pair.....\$15.00

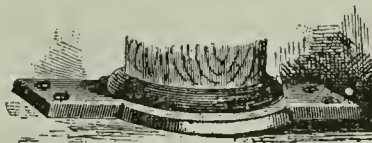
No. 153. Size 11 inches wide, 34 inches high, per pair.....\$30.00

Widths given are sizes inside of each side.

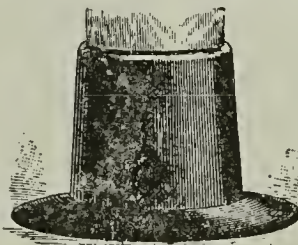
Special sizes made to order.



CORNER WHEEL GUARD.

**No. 10 Post Socket.**

For 6-inch wood post, price each.....\$1.50

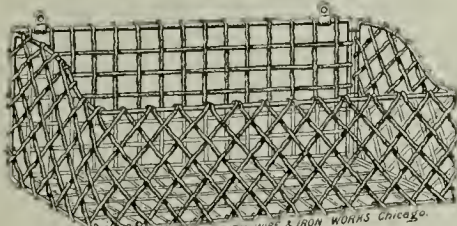
**Heavy Post Sockets.**

No. 11 3½ inches high, each, \$2.00

No. 12 5½ " " " 2.25

No. 13 8 " " " 2.50

All for 6-inch wood posts.

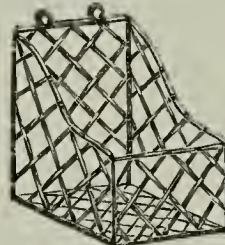
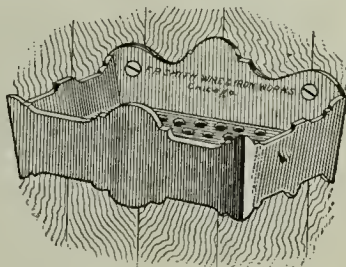
**Large Sponge Basket.**

No. 7 Plated, each.....\$3.00  
 Size, 14 in. long, 8 in. wide, 8 in. deep.

**Large Soap Box.**

5x9 inches.

No. 18 Japanned, each...\$1.50  
 No. 19 Galvanized, each.. 2.25

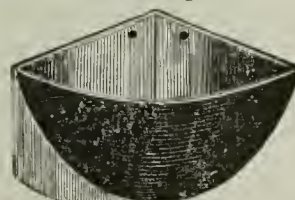
**Wire Sponge Basket.**

No. 6 Plated, each \$1.00  
 Size, 7x7 inches.

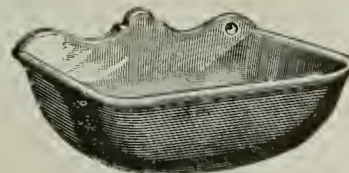
**Soap Dish.**

No. 20 Japanned, each.....\$0.40  
 No. 21 Galvanized, each... \$0.75

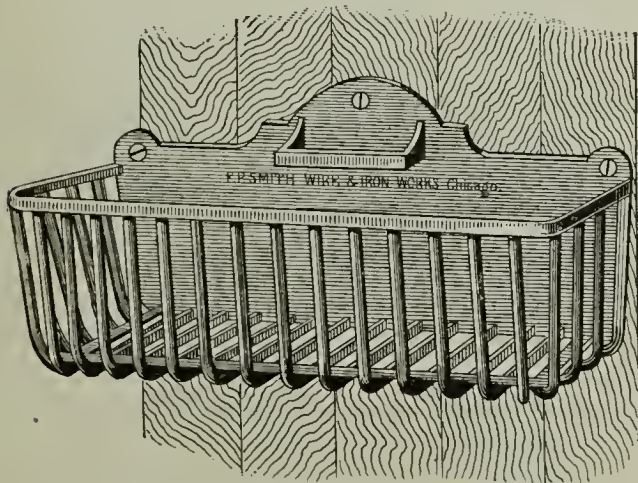
With groove to receive stall boards. Diameter 5 inches  
 No. 20 5 ft. 1 in. high, each \$15.00  
 No. 21 5 ft. 7 in. high, " 15 50  
 No. 22 6 ft. 1 in. high, " 16 00  
 No. 23 6 ft. 7 in. high, " 16 50  
 No. 24 7 ft. 1 in. high, " 17 00  
 Additional height, per inch, .20  
 Half Posts one quarter less.

**Corner Salt Dish**

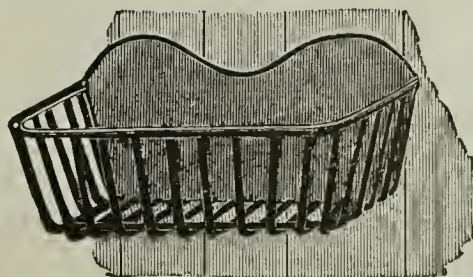
No. 66 Size, 7x7, Japanned, each.....\$1.00  
 No. 66½ Size, 7x7, Galvanized, each..... 1.75

**Side Salt Dish.**

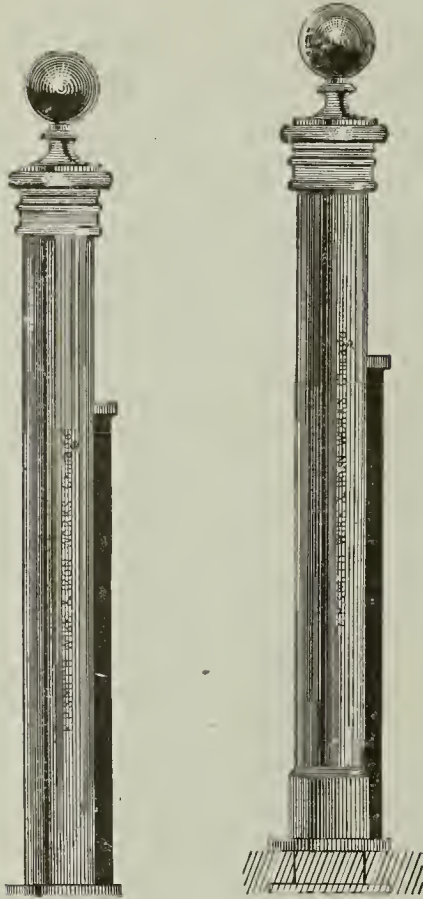
No. 67 Size, 8½x13½, Japanned, each.....\$1.25  
 No. 67½ " " Galvanized, each.....\$2.00

**Large Sponge or Brush Rack.**

No. 40 7x22 in., with Soap Box, Japanned, each.....\$4.50  
 No. 41 " " Galvanized, each..... 6.50  
 No. 42 " without Soap Box, Japanned, each..... 4.00  
 No. 43 " " Galvanized, each..... 5.75

**Sponge and Brush Rack.**

No. 15 6½x14 in., Japanned ... each, \$2.00  
 No. 16 " Galvanized..... " 3.50



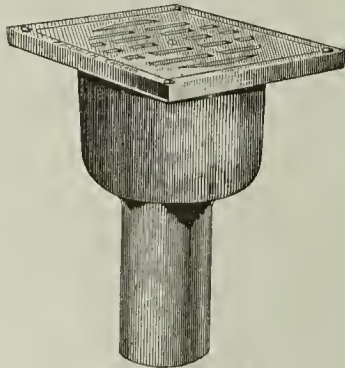
**Smith's Improved Heavy Steel Stall Post**

With Cast Iron Top and Bottom. Provided with grooved flange to receive stall boards.  
 No. 25, Heavy, 5 inch diameter, 5 ft. 4 in. high, each.....\$18.00  
 Additional length, per inch......12  
 Add for Foundation Base to go in cement 6 in..... 3.00  
 Additional length Foundation Base to go in ground, per inch..... .12  
 No. 27 Extra Heavy, 6 1/4 inch diameter, 5 ft. 4 in. high..... 23.00  
 Additional length, per inch..... .18  
 Add for Foundation Base to go in cement 6 in..... 4.00  
 Additional length Foundation Base to go in ground per inch..... .18  
 Unless otherwise ordered grooved flange is furnished 4 ft. 6 in. high to receive 2 in. dressed wood partition.

Ball Tops for posts can be furnished in Solid Brass, Bronze or Nickel Plated at extra cost.

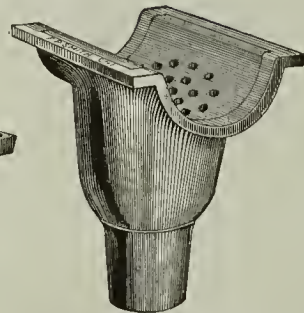
The Column of these Posts is made of heavy Wrought Steel, so cannot be broken like Cast Posts and they can extend to ceiling, serving as Columns and Stall Posts combined.

Heights given are to lower part of Cast Top.



**Heavy Carriage Wash Cesspool**

with Spigot Outlet extra long for Caulking—with Bell Trap and Grating,  
 No. 40, Size 10 in. square \$5.50  
 No. 41, with Short Spigot like No. 32..... 4.50  
 Outlet, 4 inches.



**Bell Trap Cesspool**

for Cement or Wood Gutter, 8 inches square.

No. 42, 2 1/4 in. dip, ea..\$3.25  
 No. 43, 1 1/2 in. dip, ea.. 3.00  
 No. 44, 3/4 in. dip, ea.. 2.75  
 Outlet 3 inches

Above Cesspools can be furnished with one end closed if desired at 25c. additional.



**Cast Iron Wall Post.**

No. 30, 7 ft. 6 in. high, ea. \$5.00

Lower portion, 4 ft. 6 in. high. Made with groove to receive end of wood partition. Upper part 3 ft. high to which stall guard attaches.

Special heights to order.



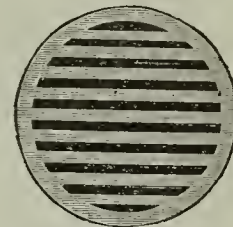
**Stall Post Cap**

For 5, 6 and 7 inch diameter Posts.

	Cast Iron.	Polished Brass.
No. 35, 5 inch dia., each.....	\$3.00	\$15.00
No. 36, 6 inch dia., each.....	4.00	20.00
No. 37, 7 inch dia., each.....	5.00	25.00

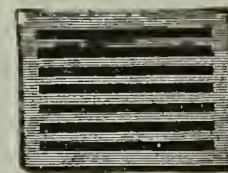
Can be furnished in Polished Bronze at 10 per cent, advance over Polished Brass.

A handsome effect produced by the use of these Caps.



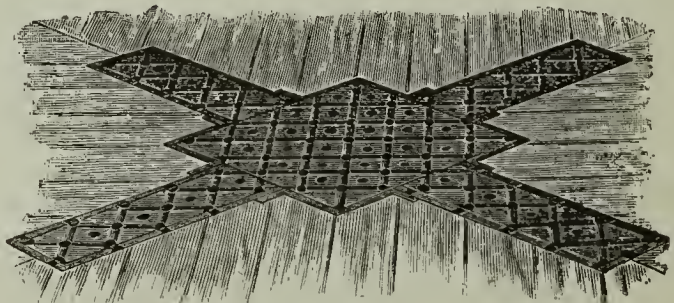
**Round Cesspool Plate.**

No. 101, 4 inch in diameter, each.....	\$ .30
No. 102, 5 inch in diameter, each.....	.40
No. 103, 6 inch in diameter, each.....	.50
No. 104, 7 inch in diameter, each.....	.80
No. 105, 8 inch in diameter, each.....	1.05
No. 106, 9 inch in diameter, each.....	1.30



**Square Cesspool Plate.**

No. 110, size 6x8 inches, each.....	\$ .80
No. 111, size 7x9 inches, each.....	1.05
No. 112, size 10x10 inches, each.....	1.50
No. 113, size 10x12 inches, each.....	1.70
No. 114, size 12x12 inches, each.....	1.90

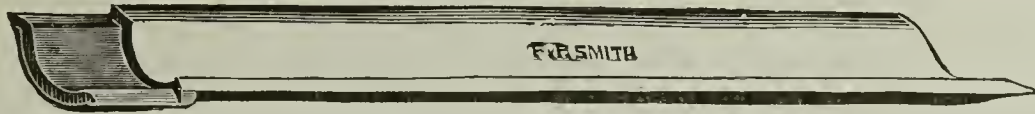


**Box Stall Cesspool with Four Gutter Branches.**

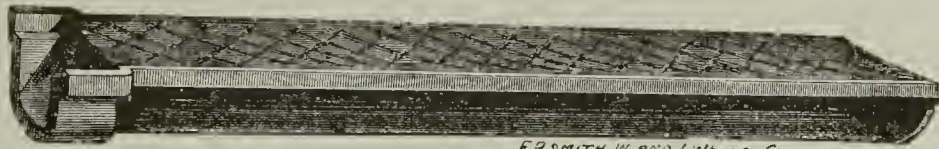
No. 5, complete for Wood Floor.....	\$10.50
Gutter 6 inches wide with flanges for wood,	
No. 6, complete for Cement Floor.....	9.50
Gutter 5 inches wide.	

The Bell Trap Cesspool is 12 inches square; Outlet 3 inches, and the extreme width of Gutter Branches 3 feet.

Can be made any length at additional cost.

**STABLE GUTTERS, CESSPOOLS, ETC.****No. 50 Open Stall Cutter.**

Width, 7 inches; inside depth,  $1\frac{1}{2}$  inches; sections, 5 ft. long..... price per ft. \$0.75  
Connections, Blank Ends extra, see prices below. This Gutter connects with No. 39 Cesspool.

**No. 55 Extra Heavy Covered Stall Cutter.**

For concrete floor. Width, 5 inches; inside depth,  $2\frac{1}{4}$  inches; sections, 3 ft. long.  
Price of Gutter with cover....per ft. \$1.30 Gutter only .... per ft. \$0.80 Cover only.....per ft. \$0.50  
Connections, Blank Ends extra, see prices below. This Gutter connects with No. 35 Cesspool.

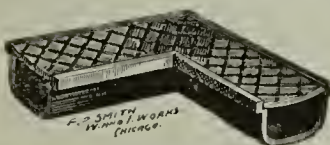
**Heavy Covered Stall Cutter with Flange for Wood Floors.**

- No. 60 Width, 7 inches; inside depth,  $2\frac{1}{4}$  inches; sections, 3 ft. long.....per ft. \$1.70  
Price of Gutter only .....per ft. \$1.00 Cover only .....per ft. \$0.70  
This Gutter connects with No. 36 Cesspool.
- No. 65 New pattern, extra heavy, width, 6 inches; inside depth,  $2\frac{3}{4}$  inches; sections 5 ft. long, per ft. \$1.60  
Price of Gutter only .....per ft. \$1.00 Cover only, sections  $2\frac{1}{2}$  ft. long.....per ft. \$0.60  
This Gutter connects with No. 37 Cesspool.
- No. 70 Extra heavy graded Gutter, width 6 inches; greatest depth at Cesspool,  $5\frac{1}{2}$  inches; grade in bottom,  
 $\frac{1}{8}$  inch per ft.; sections, 3 ft. long. Made up to 36 ft. long Price of Gutter and Cover.....per ft. \$2.50  
Gutter only.....per ft. \$1.90 Cover only.....per ft. \$0.60  
This Gutter connects with No. 38 Cesspool.

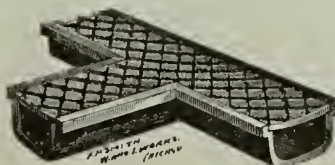
Our Gutters will keep a stall dry and pure. We carry in stock all styles except No. 70 Graded Gutter, which we make to order. In ordering please state where Cesspools are to be located, and if one or both ends are open. Also if any blank or stop ends are wanted for Gutters. When possible endeavor to use full sections, as extra charge is made for waste. Send diagram with order

**No. 75 Narrow Channel Gutter for Stall Floors.**

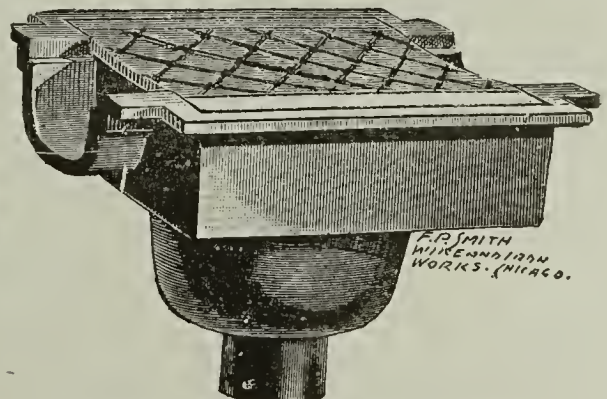
Width,  $2\frac{1}{2}$  inches; length, 4 feet, 6 inches .....price per ft. \$0.25  
This Gutter is flush with top at one end and is graded down to one inch deep at other end. By its use the stall floor may be laid absolutely level and drain perfectly.

**Gutter Fittings.**

Right Angle Connection.



Tee Connection.

**Gutter Bell-Trap Cesspool.**

Add to price of Gutter for Angle Connection...each \$1.25  
" " " " " Tee " " 1.50  
" " " " " Cross " " 2.00  
Blank or Stop Ends for Gutters..... " .50

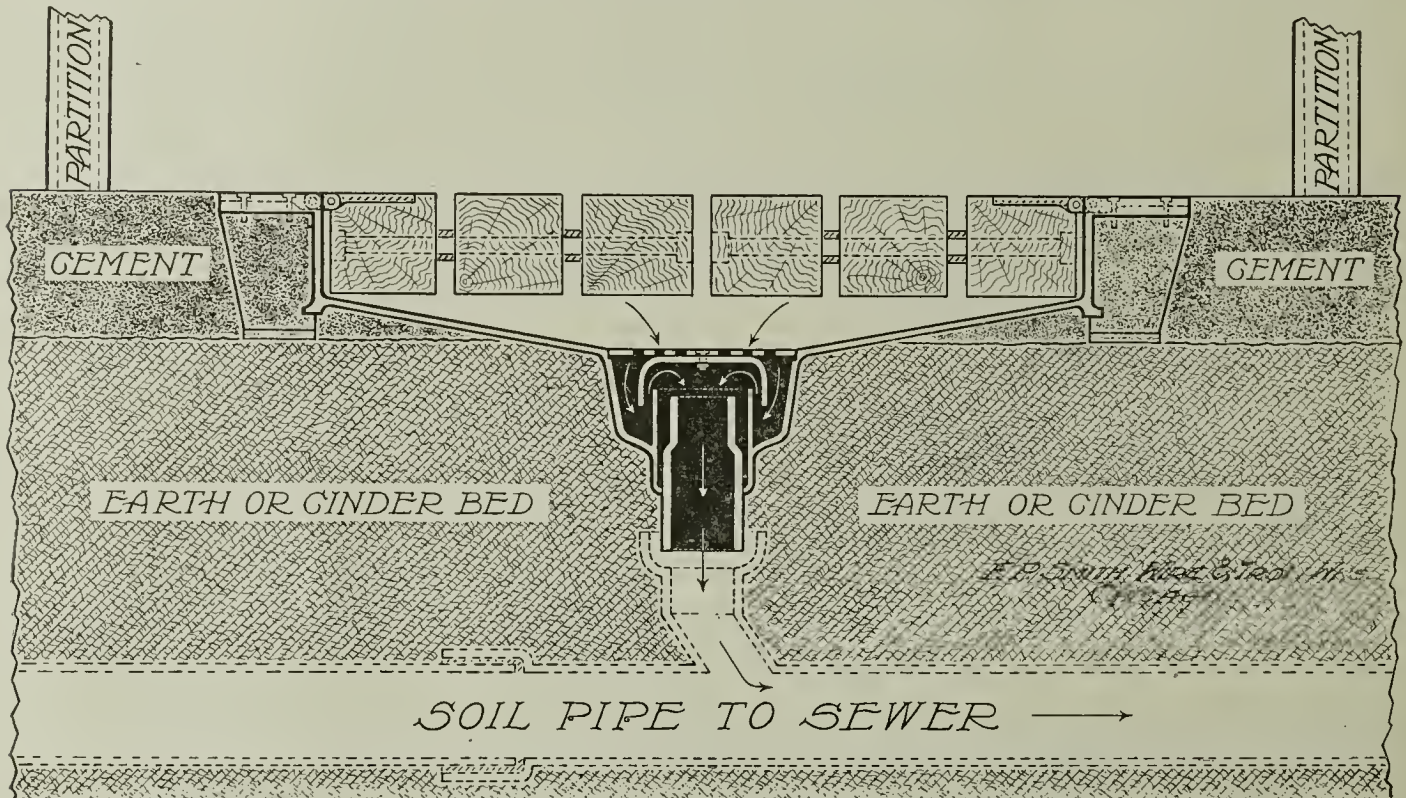
Special connections, fitting, cutting, etc., charged extra at reasonable prices.

**All our Cutters and Cesspools are thoroughly  
Japanned.**

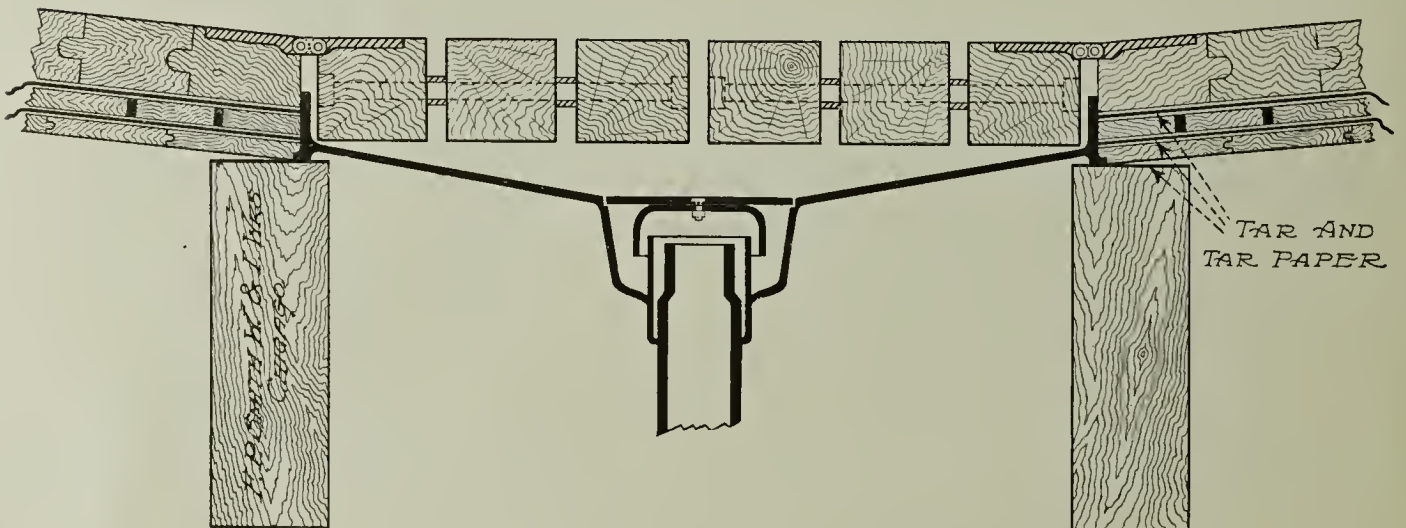
No. 35 12 inches square inside of flanges.....each \$6.00  
To connect with No. 55 Gutter.  
No. 36 Same as above, to connect with No. 60 Gutter,  
each ..... \$6.00  
No. 37 Same as above, to connect with No. 65 Gutter,  
each ..... \$6.00  
No. 38 10 inches square, to connect with No. 70 Gutter,  
each ..... \$6.00  
No. 39 12 inches square, to connect with No. 50 Gutter,  
each ..... \$6.00  
Made both ends open or one end closed. Outlet 4 inches.

## SMITH'S IMPROVED SANITARY STALL FLOORS

Perfect drainage in a stable is of paramount importance. Our floors afford perfect drainage, all fluids and refuse being carried to sewer directly and rapidly. The slats are conveniently raised while the contents of pan are easily flushed with a hose or bucket of water, or we can arrange our floors for a flushing pipe at head of pan so that all pans in the stable can be flushed at the same time by simply turning on the water. The hard maple slats can be reversed when they become worn. This system of drainage does away with gutter in rear of stall, and the bedding that is saved by the use of our floors is alone an important feature to be considered. Our floors throughout are extra substantially constructed and not to be compared with the cheaper ones on the market of light construction, which quickly wear out.

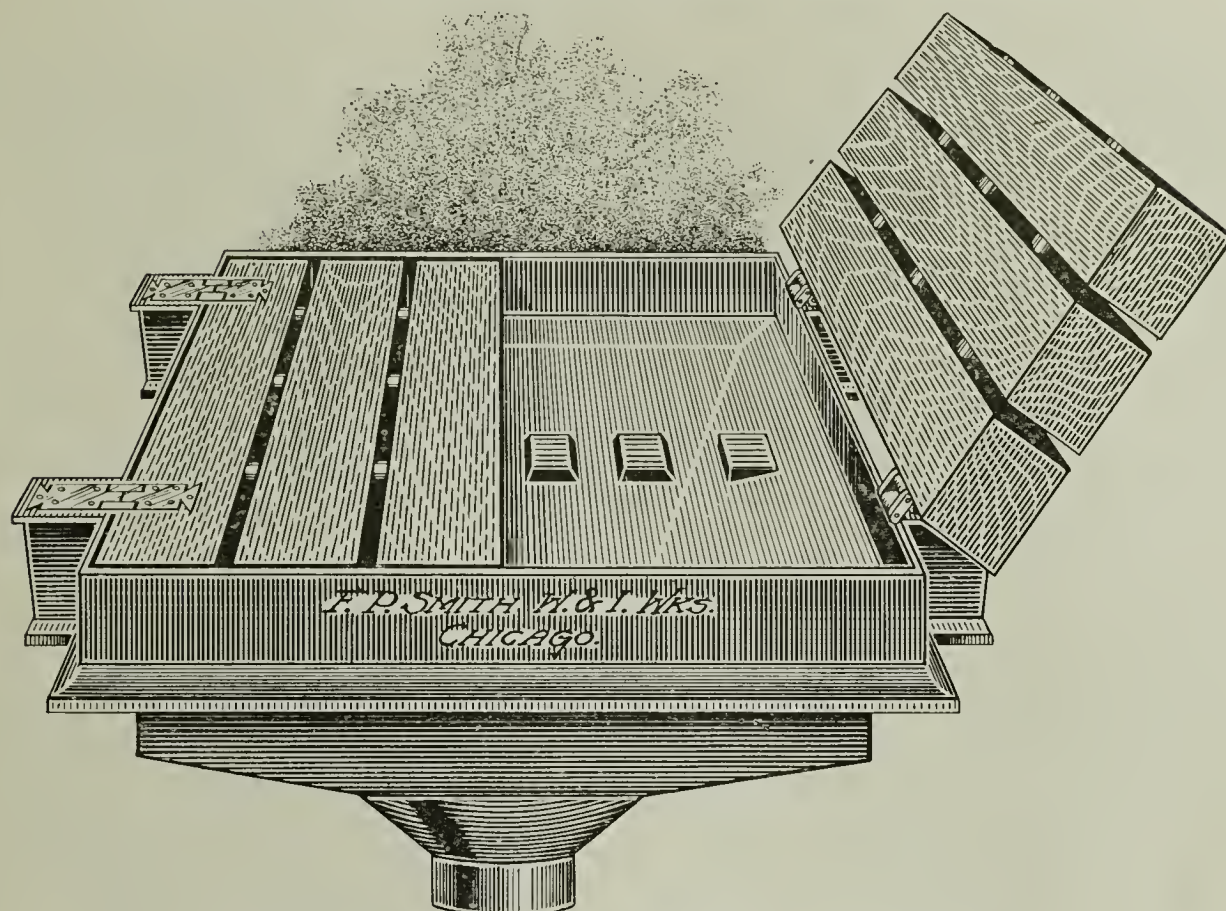


**Cross Section of No. 1 Floor--Showing pan set in cement. This shows cement floor at sides where wood or brick top flooring can be substituted if desired**



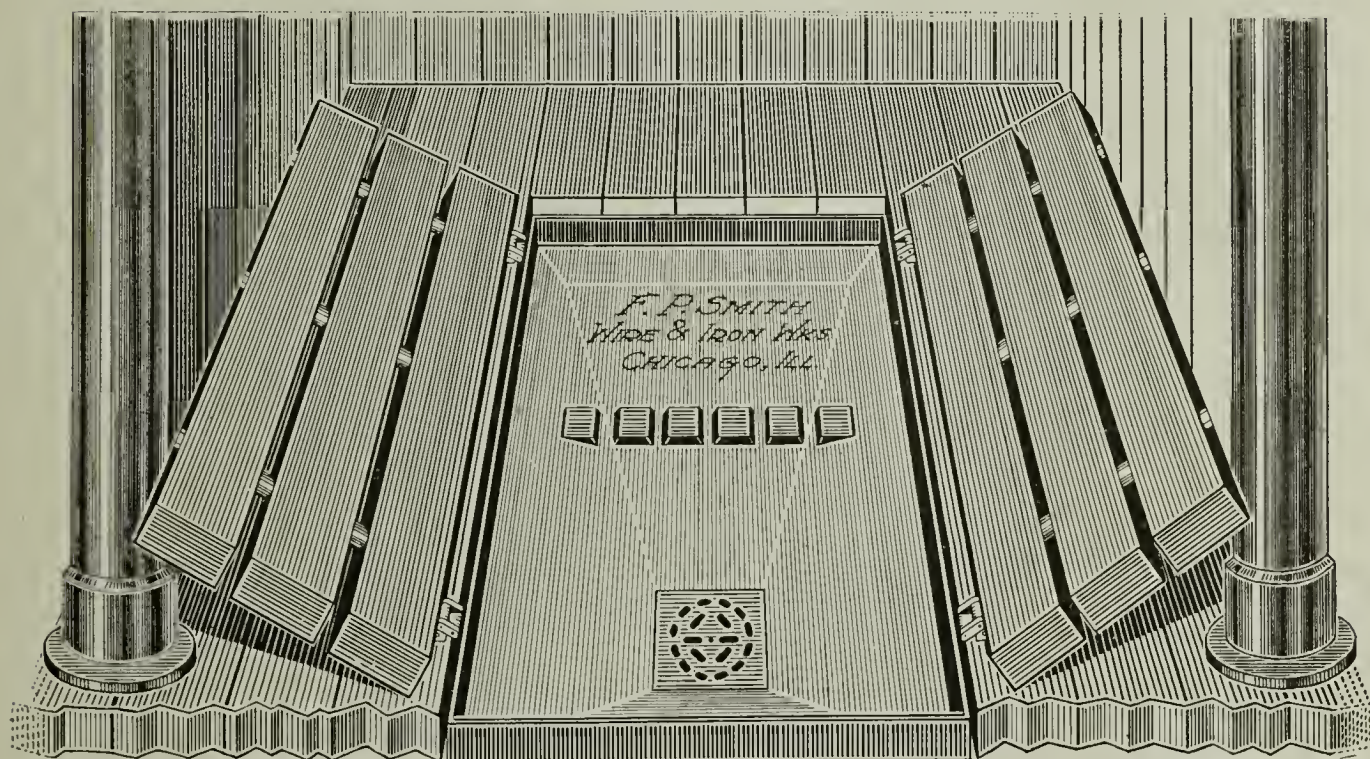
**Cross Section of No. 2 Floor--Showing pan set in wood**  
Blue prints giving details will be sent on application.

## SMITH'S IMPROVED SANITARY STALL FLOORS

**No. 1 Floor with Pan to set in Cement or other Mineral Beds**

Size, Net, not including hinges, 6 feet 1 inch long x 2 feet 7 inches wide.

Price, complete .....\$ 40.00

**No. 2 Floor with Pan to set in Wood**

Size, Net, not including hinges, 6 feet 1 inch long x 2 feet 7 inches wide.

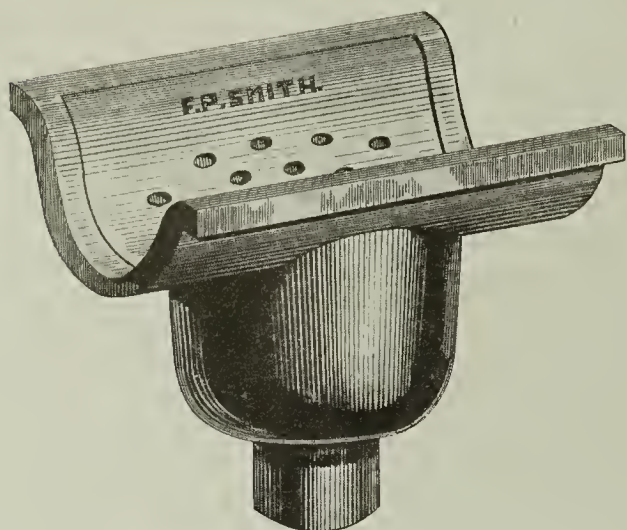
Price, complete .....\$ 35.00

The above prices include one heavy cast iron pan with a bell-trapped cesspool with cover, six hard maple slats of three-inch thick lumber, bound together in two sections, with heavy iron bolts and heavy cast iron separators and four solid brass flush hinges, also a hook for lifting floors.

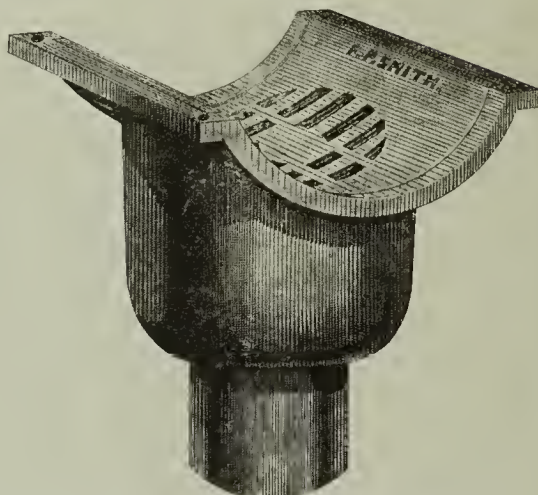
124

For use in box stalls two single Pans can be set side by side.

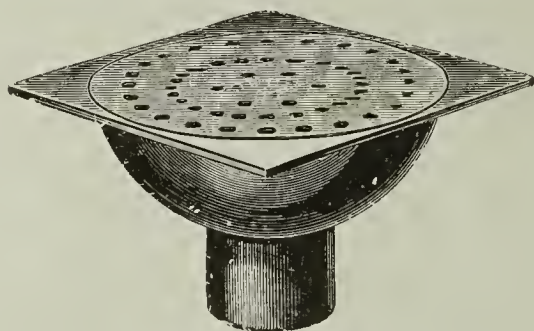
## CESSPOOLS

**No. 20 Cesspool, with Bell Trap**

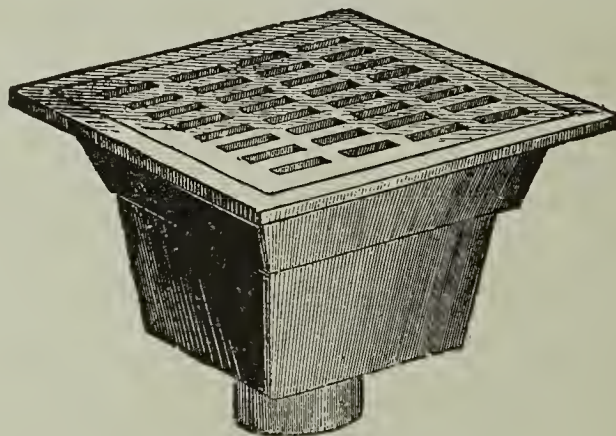
Top, 13 in. square; outlet, 4 in.; dip, 2½ in.  
 Price..... \$ 8.00  
 Price, when furnished with one end closed.... 8.50

**No. 21 Cesspool with Bell Trap**

Top, 10 in. square; outlet, 4 in.; dip, 2¼ in.  
 Price, ..... \$ 4.50  
 Price, when furnished with one end closed.... 4.75

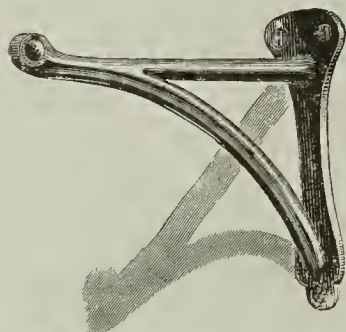
**Cesspool, with Bell Trap**

No. 10	Size, 4x4 inches	.....each, \$	0.50
No. 11	" 6x6 "	..... "	.80
No. 12	" 8x8 "	..... "	1.25
No. 13	" 9x9 " heavy	..... "	2.50
No. 14	" 12x12 " heavy	..... "	3.00

**Heavy Stable Cesspool**

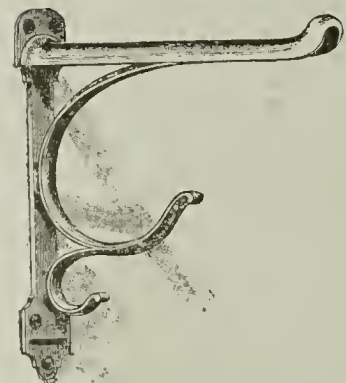
With grating and Bell Trap

No. 32	Size, 15½ in. square, outlet 4 inches, each	\$	5.50
No. 33	Same with extra long spigot like No. 40		6.50
No. 34	Size, 12 in. square, outlet, 4 inches	"	5.00

**HARNESS HOOKS AND BRACKETS****No. 60 Harness Hooks**

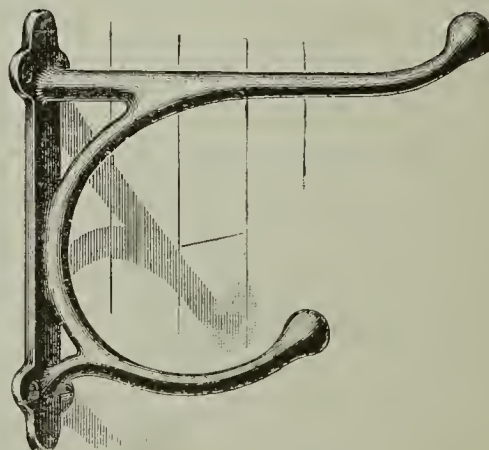
Per Doz.

6 inches long,	.....\$	2.00
8 " "	.....	2.50
10 " "	.....	3.00

**No. 65 Harness Bracket**

Top Bracket projects 10 inches

Price, each..... \$ 1.25

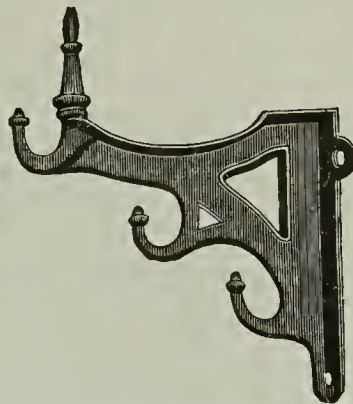
**No. 62 Extra Heavy Harness Hook**

Top hook, 12 inches; lower hook, 8 inches  
 Price, per dozen.....\$ 9.00

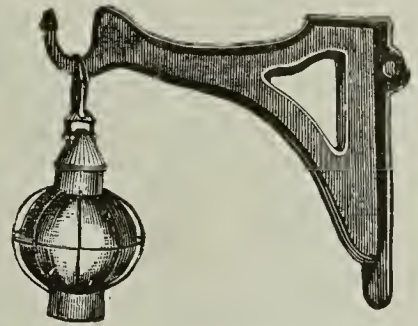
The above Harness Hooks and Brackets are furnished in japanned iron. Can also be furnished galvanized or polished brass or bronze.

**HARNESS BRACKETS, HOOKS, ETC.**

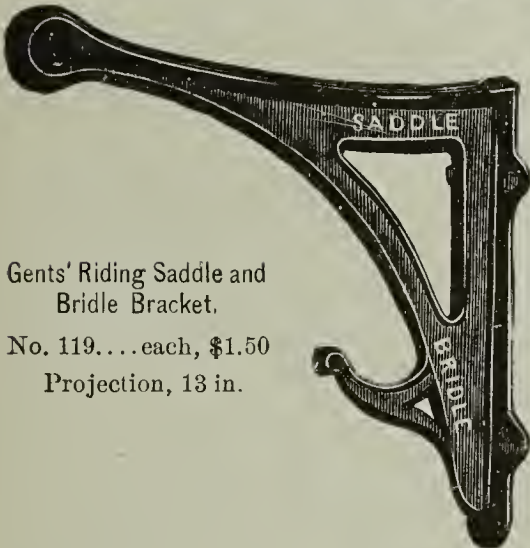
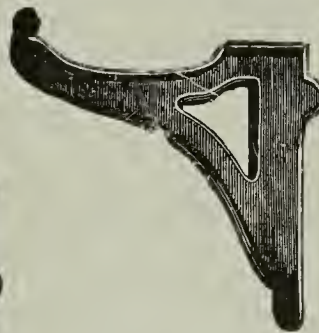
No. 111.

Saddle and Bridle  
Bracket.Price...each, \$2.00  
Projection, 13 in.

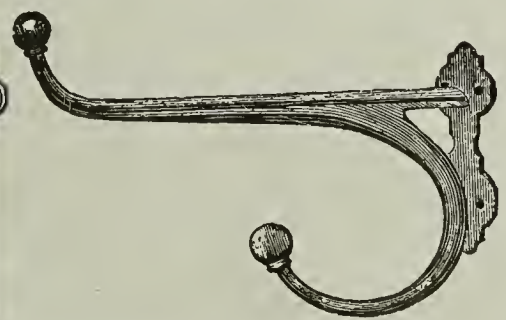
Oiling and Washing Bracket.

No. 77.....each, \$0.60  
Projection, 9½ inches.

Lantern Bracket.

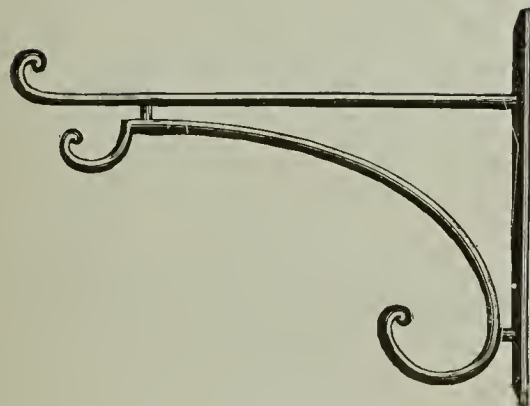
No. 78.....each, \$0.50  
Projection, 9½ inches.Gents' Riding Saddle and  
Bridle Bracket.No. 119...each, \$1.50  
Projection, 13 in.

Collar or Pole Bracket.

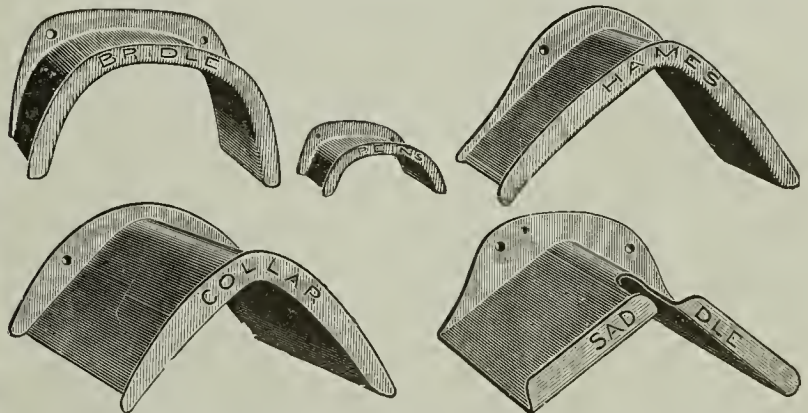
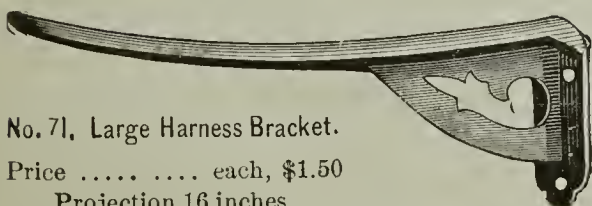
No 79 .. .... each, \$0.65  
Projection, 9 inches.

No. 74. Harness Hooks.

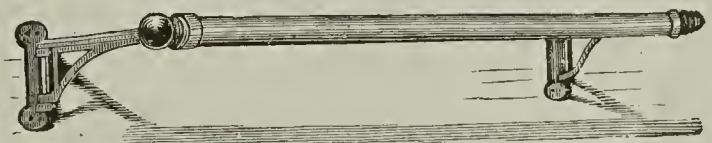
6 inches long.....	per doz.,	\$1.50
8 " " " " " "	"	2.50
10 " " " " " "	"	4.00
10½ " extra heavy "	"	6.00

**SET OF BRACKETS TO HANG UP COMPLETE HARNESS.**

Heavy Harness Brackets.

No. 72. Length, 12½ inches....each, \$1.00  
No. 73. " 10 in., ex. heavy, " 1.25No. 17. Set of Five Pieces for Hanging Harness....per set, \$1.75  
This method of hanging up harness is very convenient, and preserves the harness from injury.

No. 71, Large Harness Bracket.

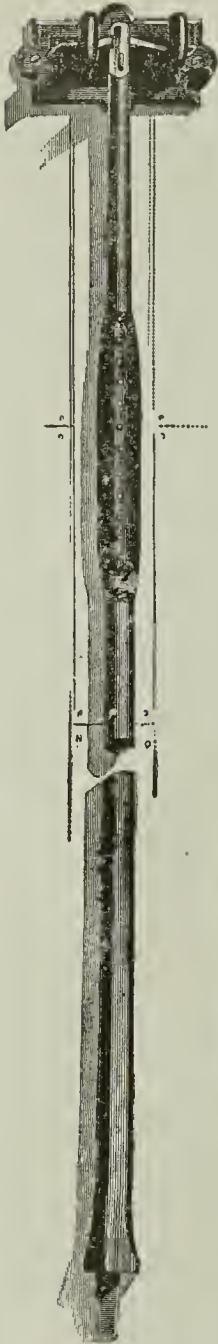
Price ..... each, \$1.50  
Projection 16 inches.

Swinging Blanket Brackets.

No. 30½. 12-inch projection, without wood rollers, per pair, \$1.50  
No. 31½. 12-inch projection, with wood rollers, " 2.50  
Made to close back against wall when not in use.

All goods on this page are furnished Japaned, We make everything in this line in polished brass and bronze.

# SHAFT, POLE AND BLANKET BRACKETS.

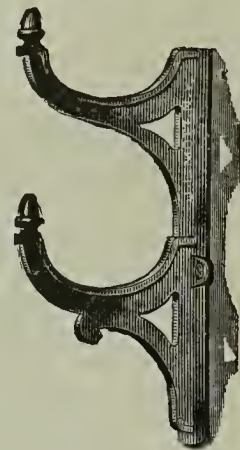


"Copyright, 1881, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

## BUGGY SHAFT BRACKET.

Made in 3 Sizes.

	Per Pair.
No. 123 12½-in. projection, Jap'd iron...	\$2.75
" 124 16 " " " " " "	3.00
" 125 17 " " " " " "	3.25
Add, if Rubber Covered.....	.30
Add, if Leather Covered.....	1.50

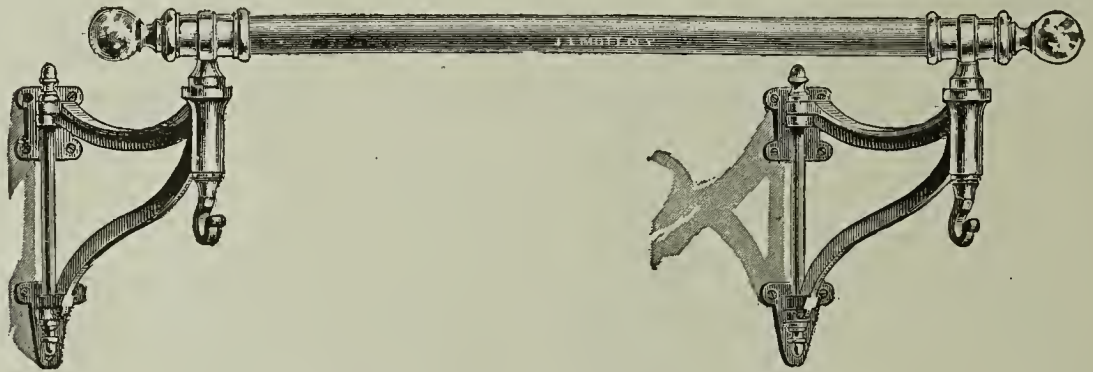


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## POLE BRACKETS.

Made with One to Four Hooks.

	Per Pair.
No. 126 One hook, Jap'd.....	\$0.75
" 127 Two hooks, " " " " " "	1.50
" 128 Three " " " " " "	2.25
" 129 Four " " " " " "	3.00
Add for each hook, if Leather Covered	.75



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## ORNAMENTAL SWINGING BLANKET BRACKETS.

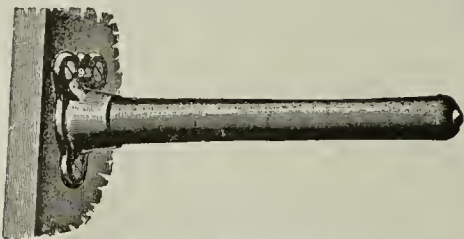
	Per Pair
No. 130 Projects 10½ inches, without wood roller, Jap'd.....	\$ 5.25
" 131 Same as above, all polished Brass or Bronze.....	36.00
" 132 Brackets Jap'd Iron, Ends and Front Hooks Polished Brass, a handsome combination.....	26.00

Made to receive 2 inch diameter Hard Wood or Brass Roller.  
See bottom of page for price of rollers.

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## CRAB POLE BRACKET

No. 120 Jap'd \$1.00  
Add if Hooks Rubber covered..... .30  
Add if Hooks Leather covered 1.00



## WOOD HARNESS PIN.

With Jap'd Iron Sockets.

No.	Length	Price
No. 80	8 in. long, each.....	\$ .20
" 81	9 " " " " " " " " " " " "	.25
" 82	12 " " " " " " " " " " " "	.30
" 83	15 " " " " " " " " " " " "	.40
" 84	18 " " " " " " " " " " " "	.80



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## STATIONARY BLANKET BRACKETS.

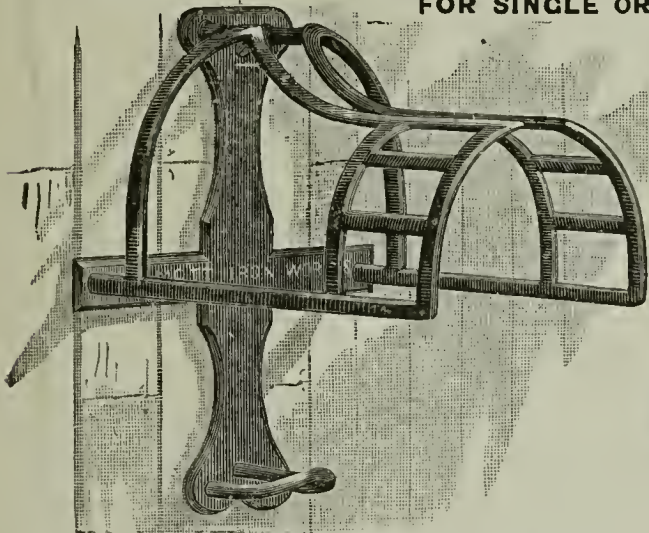
	Per Pair.
No. 135 Projects 6 inches over all, without roller, Jap'd.....	\$2.50
" 136 Same as above, all polished brass.....	6.00

Made to receive 2 inch diameter hard wood or brass rollers.

## ROLLERS.

	Per Foot.
Hard Wood Oak Roller, 2 inch diameter.....	\$ .40
Polished Black Walnut Roller, 2 inch diameter.....	.60
" Rosewood " 2 " " " " " " " " " "	2.00
" Mahogany " 2 " " " " " " " " " "	1.75
" Brass " 2 " " " " " " " " " "	2.00

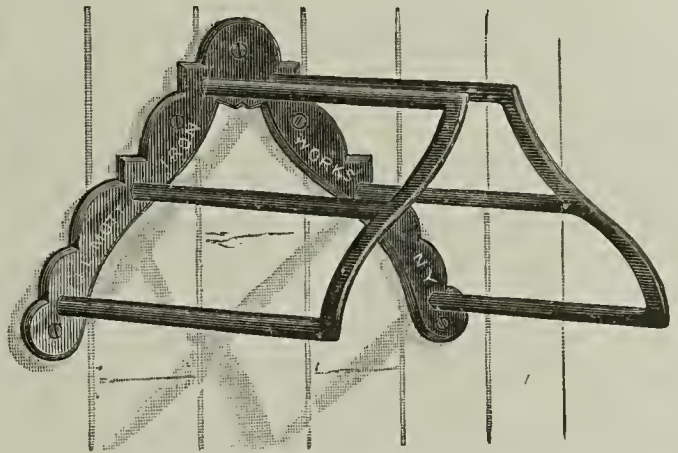
# IMPROVED MALLEABLE IRON VENTILATING HARNESS BRACKETS. FOR SINGLE OR DOUBLE HARNESS.



"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

## Collar and Bridle Bracket Combined.

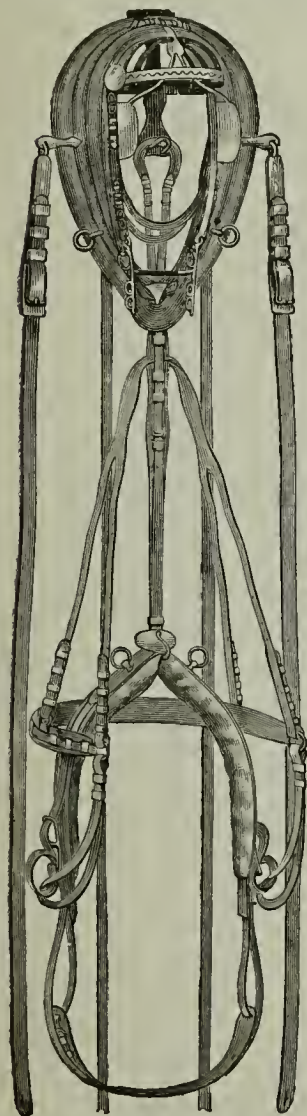
	Jap'd.	Brass.
No. 140, projects 8 $\frac{1}{2}$ inches.....each,	\$2.25	\$11.00
Add if leather covered..... "	5.00	



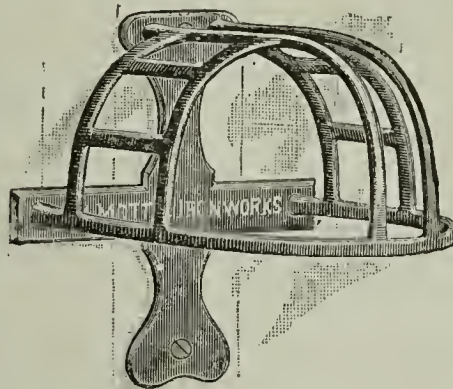
"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

## Harness Saddle Bracket.

	Jap'd.	Brass.
No. 141, projects 7 inches.....each,	\$2.00	\$9.00
Add if leather covered..... "	4.25	



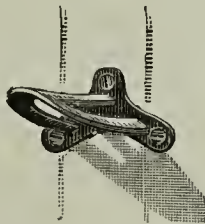
7 Ft. FROM FLOOR.



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## Harness Bridle Bracket.

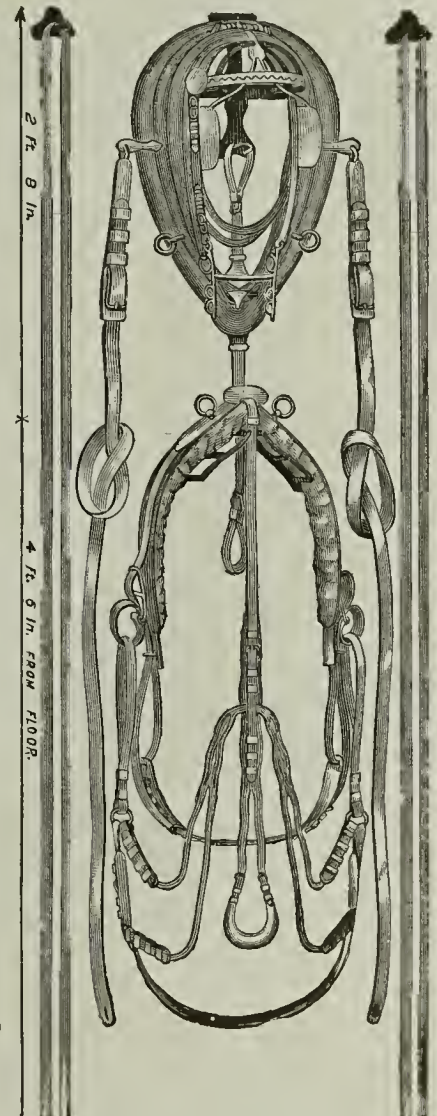
	Jap'd.	Brass.
No. 142, projects 6 in.....each,	\$2.00	\$10.00
Add if leather covered... "	4.25	



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## Rein Bracket.

	Jap'd.	Brass.
No. 143 projects 3 $\frac{1}{2}$ in...each,	\$0.50	\$2.00
Add if leather covered.. "	1.00	



2 Ft. 8 In.

4 Ft. 6 In. FROM FLOOR.

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## Illustration No. 144.

The above shows a set of Single Harness hung on one No. 140 Bracket. It can be readily seen how convenient a method this is to hang complete sets of harness when desirable to economize space in Harness Case.

The above Harness Brackets are all modelled to fit the under side of the Harness so as to keep it in shape. The openings in centers will be found very convenient in allowing Martingale and Crupper Straps attached to either Collar or Saddle to drop through; and when full set of Harness is hung, with Rein Brackets as shown above, form a very neat and economical set of Harness Brackets.

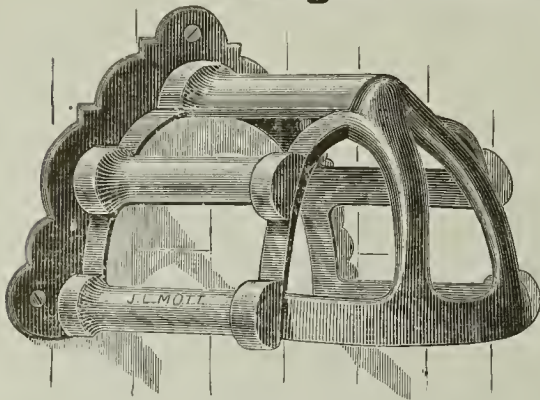
"Copyright, 1886, 1887, 1889, 1892 and 1900 by The J. L. Mott Iron Works."

## Illustration No. 145.

Showing one set of Single Harness on set of Brackets, 1 No. 140, 1 No. 141 and 2 No. 143. Brackets per set, Jap'd, \$5.25. Brass, \$24.00  
For Double Harness use a set consisting of 2 No. 140, 2 No. 141 and 2 No. 143 Brackets.....per set, Jap'd, \$9.50. Brass, \$44.00

## English Ventilating Harness Brackets.

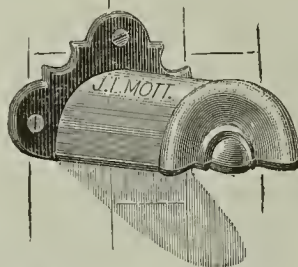
Frame work of Japanned iron, or polished brass or bronze with mahogany cappings.



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### Harness Bridle Bracket.

No. 150. Projects 8 inches, Japanned.....each, \$ 3.25  
Brass.....each, 12.50  
With Mahogany cappings.



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### Crupper Bracket.

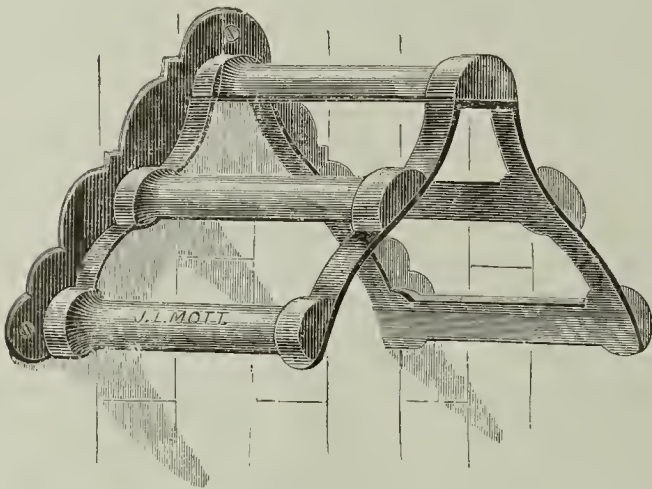
No. 153. Japanned .....each, \$1.00  
Brass..... " 2.50  
Projects 3 3/4 inches.  
With Mahogany cappings.



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### Rein Bracket.

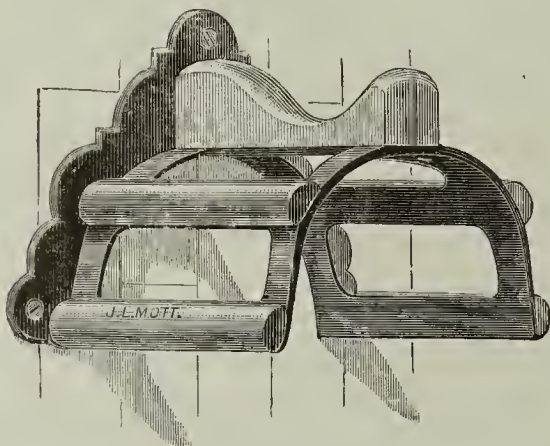
No. 154. Japanned.....each, \$ .65  
Brass..... " 2.00  
Projects 2 3/4 inches.  
With Mahogany cappings.



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### Harness Saddle Bracket.

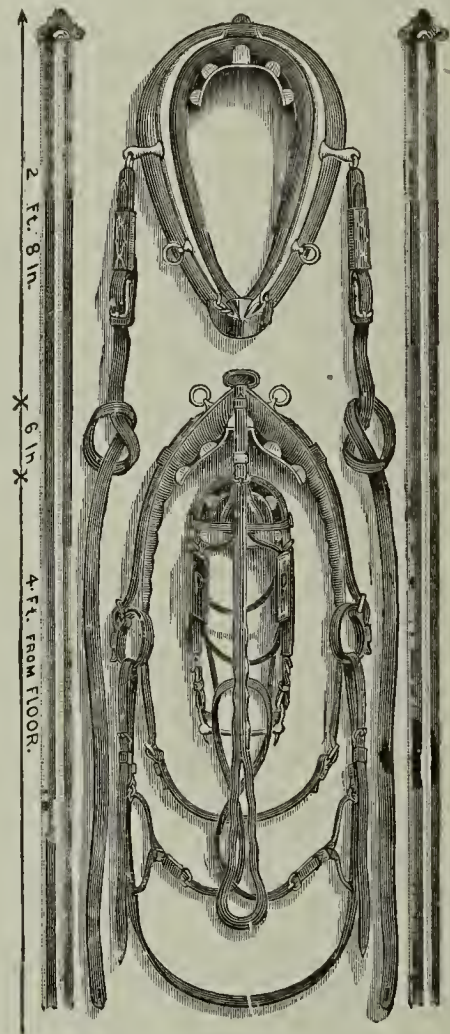
No. 151. Projects 7 1/2 inches, Japanned .....each, \$ 3.50  
Brass..... " 12.50  
With Mahogany cappings.



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### Harness Collar Bracket.

No. 152. Projects 7 1/2 inches, Japanned .....each, \$ 3.50  
Brass..... " 11.50  
With Mahogany cappings.



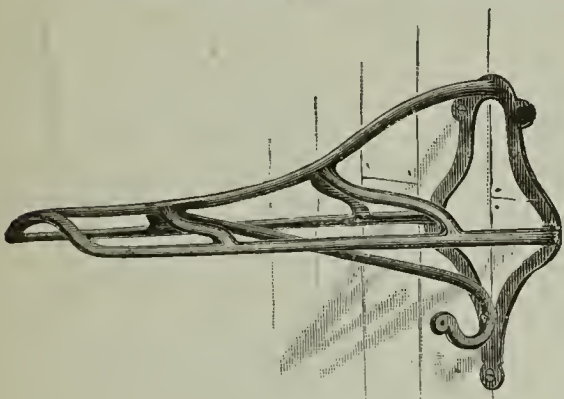
"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

### Illustration No. 155.

The above shows a set of Single Harness on set of Brackets  
1 No. 150, 1 No. 151, 1 No. 152 and 2 No. 154 Brackets.  
Japanned.....per set, \$11.55. Brass .....per set, \$40.50  
For Double Harness use a set consisting of 2 No. 150, 2 No.  
151, 2 No. 152, 2 No. 151 and 2 No. 154 Brackets.  
Japanned .....per set, \$23.00. Brass.....per set, \$82.00  
With Mahogany cappings.

The English Ventilating Harness Brackets are made of Japanned Iron, Polished Brass or Bronze Frames, with **Cappings of Polished Mahogany**. They are all modelled to fit the underside of the Harness, so as to keep it in shape. There are openings in the frame work to admit air to dry the padding; they are highly finished with neatly rounded surfaces, and are acknowledged to be the most perfect form of brackets yet made for the thorough preservation of the Harness. The Polished Wood Cappings cannot be too strongly recommended, as it is impossible for any part of the Harness to become injured by rust.

The above, when furnished in Brass, can be Nickel-plated, or if Iron Frames, can be finished in colors, scarlet or blue, at a slight advance on above prices. We can furnish these brackets with Solid Rubber cappings if desired at advanced price.

**RIDING SADDLE BRACKETS, PILLAR CHAINS, CORDS, ETC.**

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The J. L. Mott Iron Works."

**GENTLEMAN'S SADDLE BRACKET.**

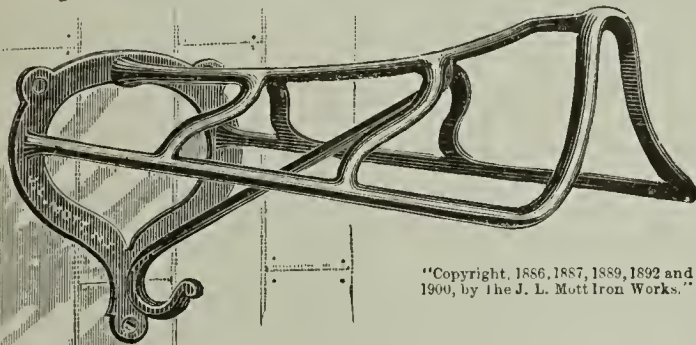
No. 160. Projects 17 inches.....Each Japanned. Brass. \$3.00 \$10.50



Full size section  
of No. 170 chain.



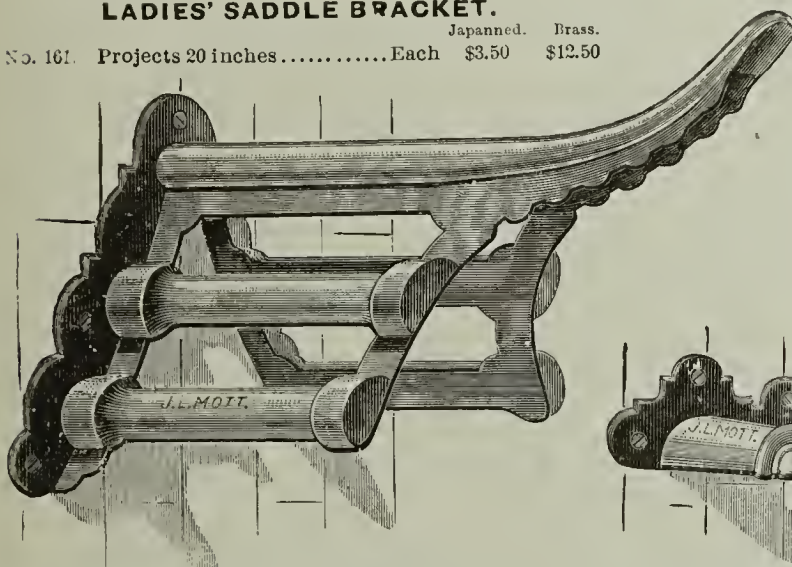
Full size section  
of No. 171 cord.



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1900, by The J. L. Mott Iron Works."

**LADIES' SADDLE BRACKET.**

No. 161. Projects 20 inches.....Each Japanned. Brass. \$3.50 \$12.50



No. 170.  
"Copyright, 1892 and 1900, by  
The J. L. Mott Iron Works."

**TINNED PILLAR CHAIN.**

With snap at each end.  
Per Pair.

3 ft. 0 in. long..	\$3.25
3 " 7 " "	3.50
5 " 0 " "	4.00

Also furnished with Ring  
at one end if desired.

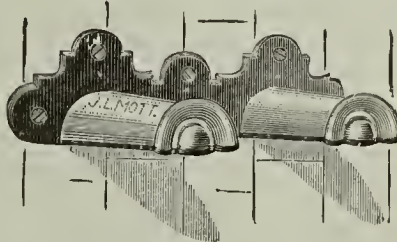
Our White Pillar Cords are made of Pure Irish Linen  
closely woven, and can be cleaned with Pipe Clay.  
A pair of our 3 feet Pillar Cords or Chains are suitable  
for a stall 5 feet wide.

No. 171.  
"Copyright, 1892 and 1900, by  
The J. L. Mott Iron Works."

**WHITE PILLAR CORD.**

With brass snaps.

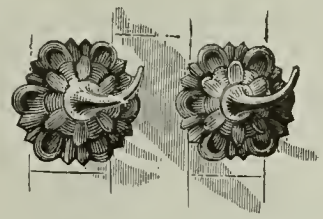
3 ft. 0 in. long.....	Per Pair. \$ 9.50
3 " 7 " "	9.75
5 " 0 " "	10.50



"Copyright, 1886, 1887, 1889, 1892 and 1900, by  
The J. L. Mott Iron Works."

**STIRRUP BRACKET.**

No. 163. Each.....Japanned. Brass. \$1.30 \$3.00  
With mahogany cappings.



"Copyright, 1886, 1887, 1889, 1892 and  
1900, by The J. L. Mott Iron Works."

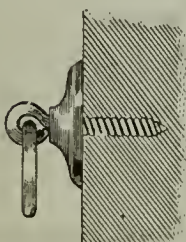
**GIRTH HOOKS.**

No. 164. Per pair, Japanned. Brass. \$0.65 \$2.00

"Copyright, 1886, 1887, 1889, 1892 and 1900, by  
The J. L. Mott Iron Works."

**RIDING SADDLE BRACKET.**

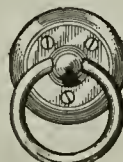
No. 132. Projects 20 1/2 inches.....Each Japanned. Brass. \$6.75 \$19.00  
With mahogany cappings.

**HITCHING RINGS.**

**Round with Screw.**  
Jap'd. Brass.  
No. 175. Each.....\$0.50 \$2.75  
Made also to anchor in or  
bolt through Brick Wall.



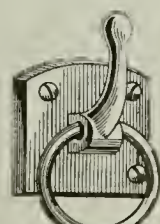
**Ornamental Cross.**  
No. 176.  
Jap'd, each.....\$ .40  
Brass, " ..... 3.00



**Round.**  
No. 177.  
Jap'd, each.....\$0.40  
Brass, " ..... 2.50



**Convex.**  
No. 178.  
Jap'd each .....\$0.45  
Brass, " ..... 2.50



**With Hook.**  
No. 179.  
Brass, each.....\$3.75  
Without hook.  
Brass, each.....\$3.50

**SPECIAL RINGS AND HITCHING ATTACHMENTS MADE TO ORDER**

**WHIP RACKS, WASHING BRACKETS, ETC.**

"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

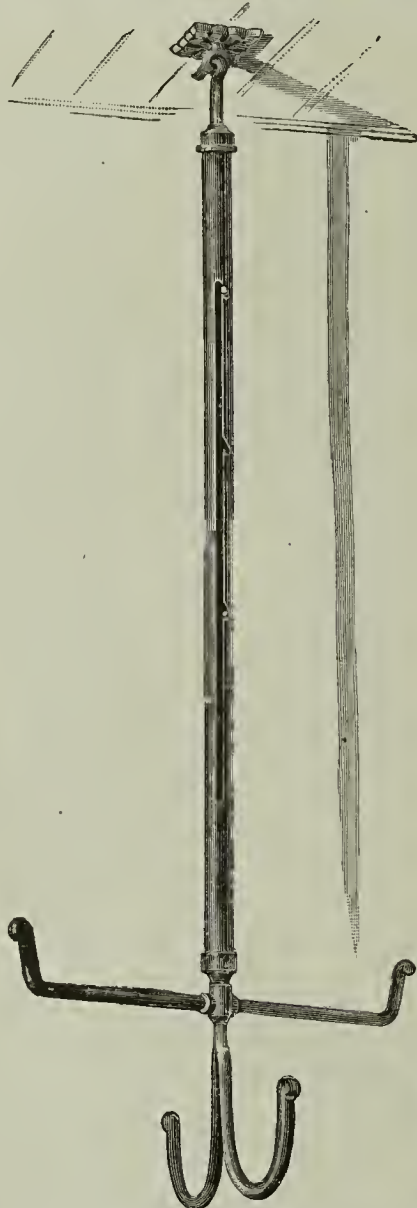
**Combined  
Mahogany Wood  
and Iron Whip  
Rack.**

Jap'd Brass.  
No. 180 each, \$1.00 \$3.50  
Wood grooved for two  
long whips, Projecting  
Iron Rack holds 11 whips.



**Whip Racks.**

Jap'd Brass.  
No. 181 Holds 10 whips,  
each, \$0.75 \$4.00  
No. 182 Holds 5 whips,  
each, .50 3.00



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**Oiling and Washing  
Bracket.**

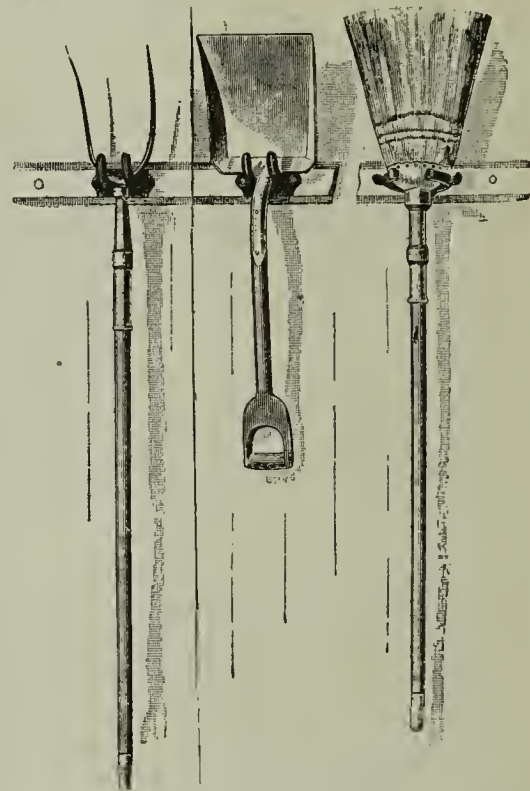
**Telescopic and Swivel.**

No. 185 Large size.....each, \$6.50  
Adjusts from 5 ft. 1 in. to 7 ft. 9 in.  
No. 186 Medium size, each, \$5.25  
Adjusts from 3 ft. 6 in. to 5 ft. 2 in.  
Add to above, if rubber covered,  
\$1.00. Very convenient—can be  
brought down to required height,  
pushed up above level of head or  
unhooked when desired.



**Chain and Grip  
Oiling and Wash-  
ing Bracket.**

No. 187 Each..... \$1.50  
Hooks Rubber covered.



"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

**Implement Hooks and Broom  
Holder.**

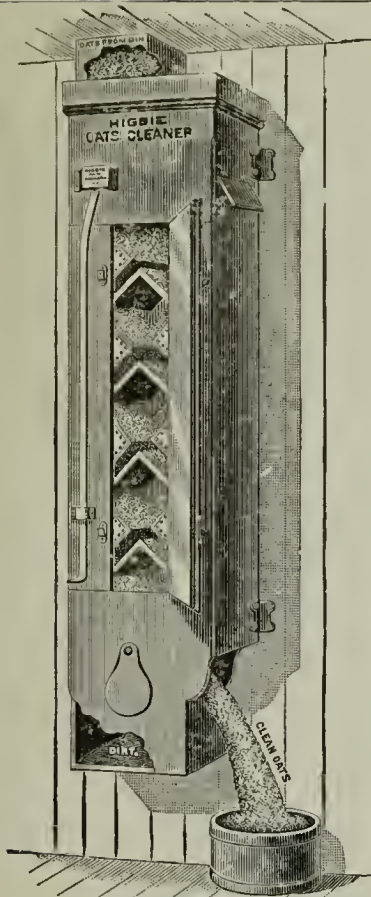
Jap'd Galv'd Brass  
No. 190 Implement Hook,  
each, \$0.35 \$0.50 \$3.15  
No. 191 Broom Holder,  
each, .30 .40 2.25



Reaches vehicle from all sides.  
No heavy hose to drag.  
No vehicle to move.

**Perfection Buggy Washer.**

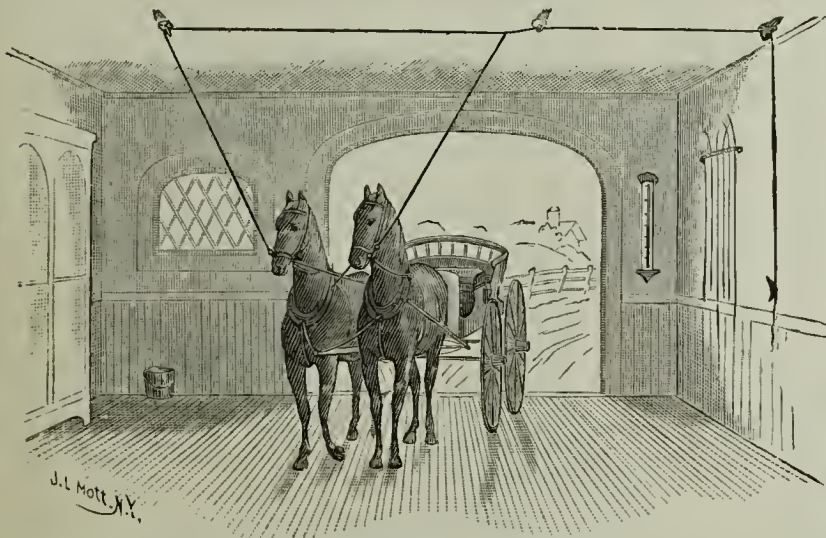
No. 1—4½ ft. arm..... Each, \$16.00  
No. 2—6 ft. arm with turnbuckle and  
brace..... Each, \$18.50



**Higbie Patent Self-Acting Oats Cleaner.**

- No. 195. Small Stables. 1 to 15 Horses,  $9\frac{1}{2} \times 15$  in.,  $6\frac{1}{2}$  ft. long. Cap.  $\frac{1}{2}$  bu. per min. each, \$30.00  
 No. 196. Medium Stables. 15 to 50 Horses,  $11 \times 16$  in.,  $6\frac{1}{2}$  ft. long. Cap. 1 bu. per min. each, \$30.00  
 No. 197. Large Stables. 50 to 300 Horses,  $12 \times 16$  in.,  $6\frac{1}{2}$  ft. long. Cap. 2 bu. per min. each, \$32.00  
 No. 198. Ex. Large Stables. 300 to 600 Horses,  $15 \times 20$  in., 8 ft. long. Cap. 4 bu. per min. each, \$48.00  
 Built of kiln dried whitewood, bronzed trimmings, highly finished and varnished. In ordering, state whether right or left hand discharge when facing the cleaner.

THIS CLEANER will remove a bushel of Dirt, Dust and Impurities from every 25 to 30 bushels of Oats. Not one quart of Oats can be drawn without being cleaned. It prevents sickness among horses. Saves Money, Time and Trouble.



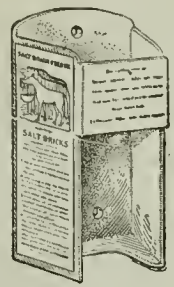
Copyright, 1892 and 1900, by The J. L. Mott Iron Works.

**Overhead Hitching Attachment.**

FOR DOUBLE OR SINGLE TEAM. PATENT APPLIED FOR.  
 No. 215. Complete with Rope, Pulleys, Cleat and Snap, Jap'd, \$3.25. Brass, \$8.00  
 The above set of Pulleys are constructed for the special purpose for which they are designed. Very convenient for use in Carriage Room, where it can be quickly connected; and in Stable when grooming Horses. Recommended for vicious Horses.



**SALT BRICK**



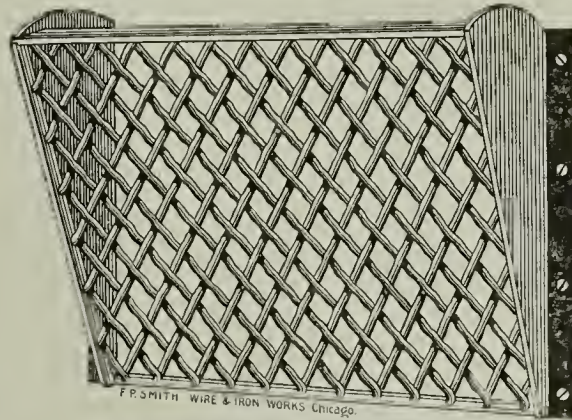
**FEEDER**

**Pure Salt Bricks and Galvanized Iron Feeder.**

- No. 200. Salt Bricks (compressed Pure Dairy Salt) .....per doz, \$3.50  
 No. 201. Galvanized Iron Feeder or Holder.....each, .60

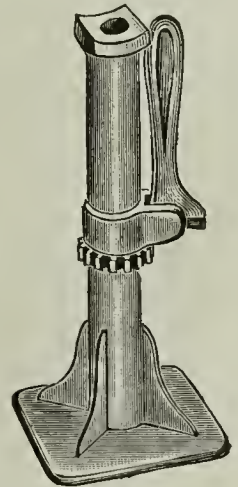
Rock Salt is not Pure Salt, as it is contaminated with foreign substances and is therefore injurious. Refined Pure Salt used in these bricks acts as a tonic and stimulates the general health of animals.

The Salt Brick is inwardly flared, so as to fit into the feeder. A brick will last from two to three months.



**Stall Window Ventilator.**

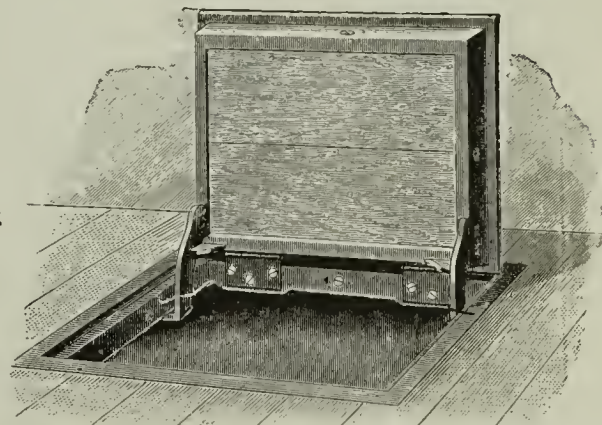
- No. 210. Size, 2 ft. high, 30 inches wide.....each, \$6.50  
 Front of heavy Wire with Steel Channel frame. Sides of Plate Steel. Protects Windows, hinged at bottom and prevents draft on horse. Any size to order.



**Carriage Jack.**

- No. 211. Small Size, (to lift 3,000 lbs.).....\$4.00  
 No. 212. Large Size (to lift 5,000 lbs.).....\$6.50

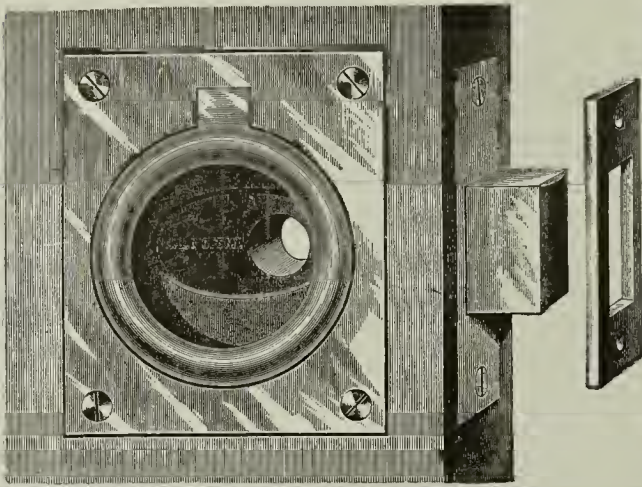
This is a Ratchet Double Screw Lifting Jack. It is easy to operate and is strong, light, compact and quickly adjusted. It has no loose parts, and takes up very little space when carried in a vehicle.



Copyright 1892 and 1900, by The J. L. Mott Iron Works.

**Manure Pit Frame for Wood Cover.**

- No. 220. Small Size, each, painted.....\$4.60  
 Outside dimensions of Frame, 1 ft. 3" x 1 ft. 4"  
 No. 221 Medium Size, each, painted.....\$5.25  
 Outside dimensions of Frame, 1 ft. 6" x 1 ft. 4"  
 No. 222. Large Size, each, painted.....\$8.00  
 Outside dimensions of Frame, 1 ft. 10" x 1 ft. 5"

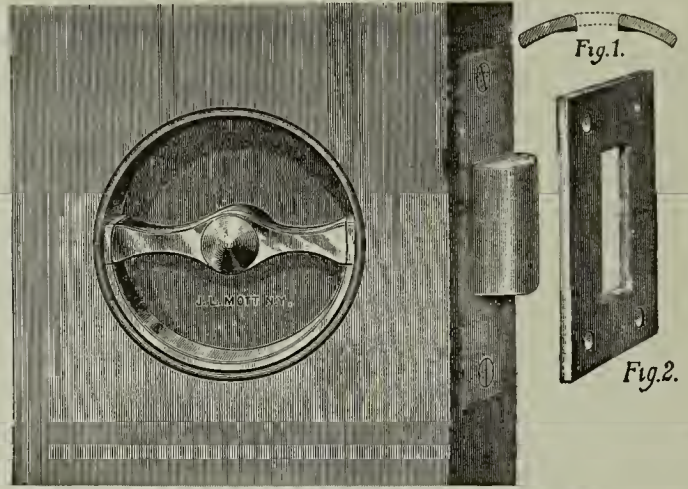
**BOX STALL HINGES AND LATCHES.**

"Copyright, 1892 and 1900, by The J. L. Mott Iron Works."

**BOX STALL DOOR MORTISE BOLT.**

No. 225	3 inches x 4 1/4 inches, for 4-inch stile, each.....	\$11.00
" 226	3 " " 4 3/4 " " 5 " " ".....	11.75
" 227	3 " " 5 1/4 " " 6 " " ".....	12.50

Brass Front, Flush Drop Handles in Brass Plates, same on both sides. Bolt very heavy and strong and when extended projects one inch. Made 3 sizes. When ordering, state width of Stile and thickness of Door. As can be readily seen, the Bolt is pushed in or out by inserting thumb in the slide through opening in Plate, and cannot be opened by the Horse.

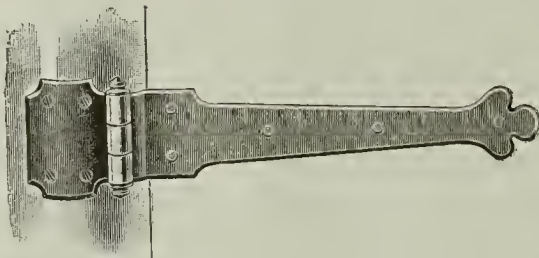


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**BOX STALL DOOR MORTISE LATCH.**

No. 228	3 inches x 3 inches, for 4-inch stile, each.....	\$12.25
" 229	3 " " 3 1/2 " " 5 " " ".....	13.00
" 230	3 " " 4 " " 6 " " ".....	13.75

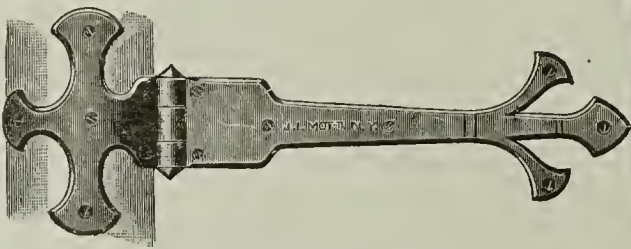
Brass Front, Flush Drop Handles, same on both sides. Bolt very heavy and rounded to offer the least danger to the Horse. Made 3 sizes. When ordering, state width of Stile and thickness of Door; also if Strike-Plate is for Round Post as shown in Fig. 1.



"Copyright, 1900, by The J. L. Mott Iron Works."

**WROUGHT IRON BOX STALL HINGE.**

No. 235	18 inches long, painted, per pair.....	\$9.50
" 236	Same, without offset, " " ".....	8.50



"Copyright, 1892 and 1900, by The J. L. Mott Iron Works."

**WROUGHT IRON BOX STALL HINGE.**

No. 237	20 inches long, painted, per pair.....	\$12.00
" 238	Same, with offset as above, per pair.....	13.00

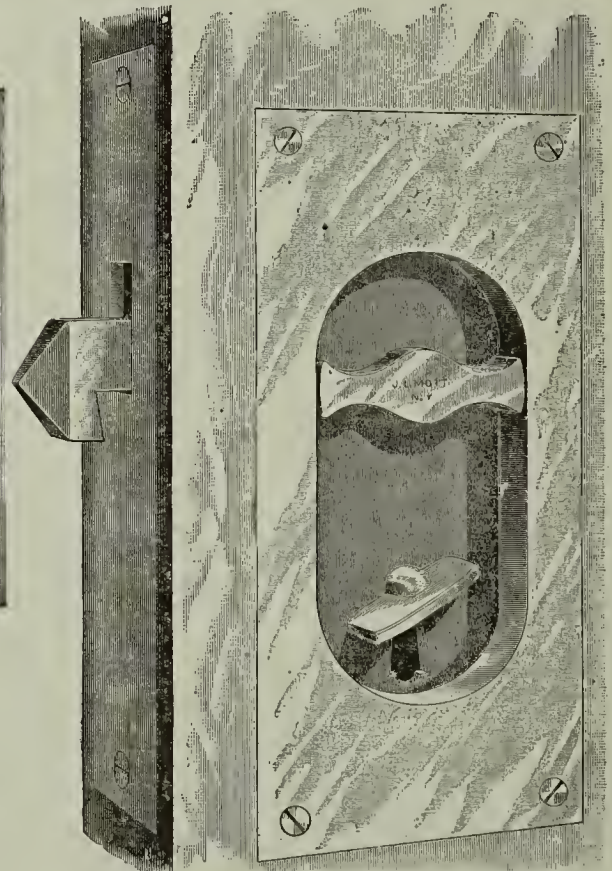


"Copyright, 1886, 1887, 1889, 1892 and 1900, by The J. L. Mott Iron Works."

**POLISHED BRASS BOX STALL HINGE.**

No. 239	18 inches long, per pair.....	\$18.00
" 240	18 " " extra heavy, per pair.....	26.00
	With or without offset.	

All Hinges are measured from joint to end and furnished for either round or Square Post.  
Special lengths or designs made to order.



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**MORTISE LOCK FOR HEAVY SLIDING DOOR.**

Extra Heavy and Large.

No. 231	Escutcheon Plate, 3 inches x 6 inches, each.....	\$15.50
" 232	" " " 4 " " 8 " " ".....	23.50

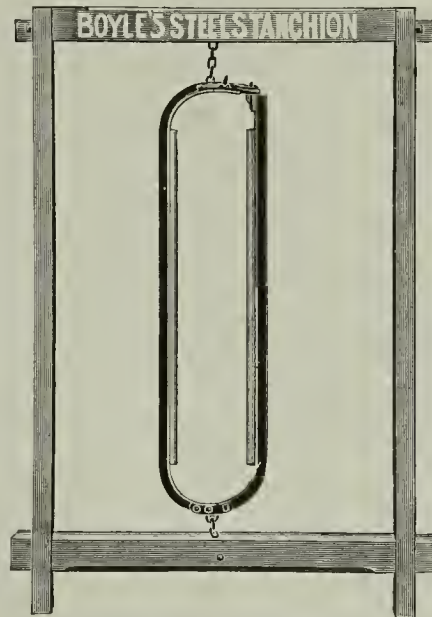
With Brass Front and Escutcheon Plates, same on both sides.  
When ordering, give thickness of Door and width of Stile.

All Latches are made of either Brass or Bronze as desired and Nickel-Plated at small advance.

## BOYLE'S STEEL STANCHIONS

The Boyle Steel Stanchion is made of two pieces of angle steel, one and one quarter inches wide, with the ends bent at the top and bottom to form the yoke, which is 45 inches long inside. The lower ends are fastened together by two malleable iron castings riveted to the steel, forming a hinge joint. At the top, the stanchion is fastened by our patent spring catch, formed of malleable castings riveted securely to the steel. One six inch chain is riveted to the top and one to the bottom of the stanchion. Two pieces of rounded, hard wood, are screwed to the steel sides, to prevent chafing of cow's neck. These strips being made in different thicknesses, may be changed and the stanchion used for any size cattle, from a small calf up to the largest bull.

This illustration shows stanchion in wooden frame. Can also be used in connection with iron pipe frame. See page 33.



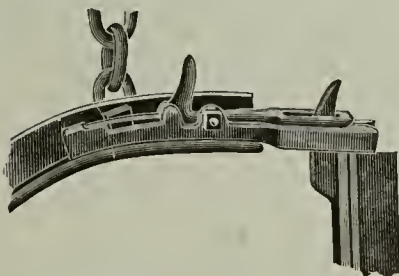
The regular No. 1 and No. 2 styles are made with 7 inch neck space, and are so shipped unless otherwise specified.

For small cows or calves, stanchions with neck space any size from 5 to 7 inches can be furnished, without extra charge, by attaching the proper size wood linings.

### Price List

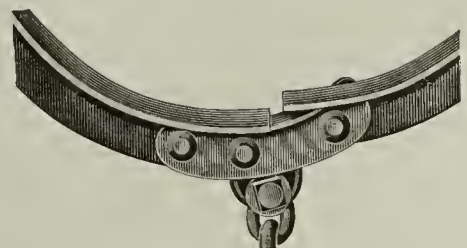
Style No. 1---weight 15 pounds---regular size for dairystock, Jerseys, Geurnseys, etc., ea.	\$3.00
Style No. 2---weight 20 pounds---made of heavier and stiffer material. Will hold all kinds of cows, steers and heavy beef stock, each.....	3.50
Style No. 3---for bulls, extra heavy, 8 to 10 inch neck space, made to order, each .....	4.00
Linings for any neck space with screws to be attached at the barn, 25 cents per pair.	

LATCH WITH THUMB POST



The Latch, the keystone of a Stanchion's usefulness is, in the Boyle Stanchion very small and very simple, but at the same time exceptionally strong and easy to operate. It consists of two malleable castings riveted to the steel, and held together by a spring loop. This loop has no projecting edges, and cannot be opened by accident. The new device, the Thumbpost makes it easy to open from front or rear, with either hand or with glove or mitten.

HINGE



The Hinge consists of two malleable castings riveted securely to the steel frame at their left end. To their right end the movable arms bolted, forming the hinge proper. As may be seen in the cut, this arm cannot drop clear down, but strikes the hinge casting when partly open, and is held at about the right distance for the cow to enter.

## IRON COW STALL PARTITIONS

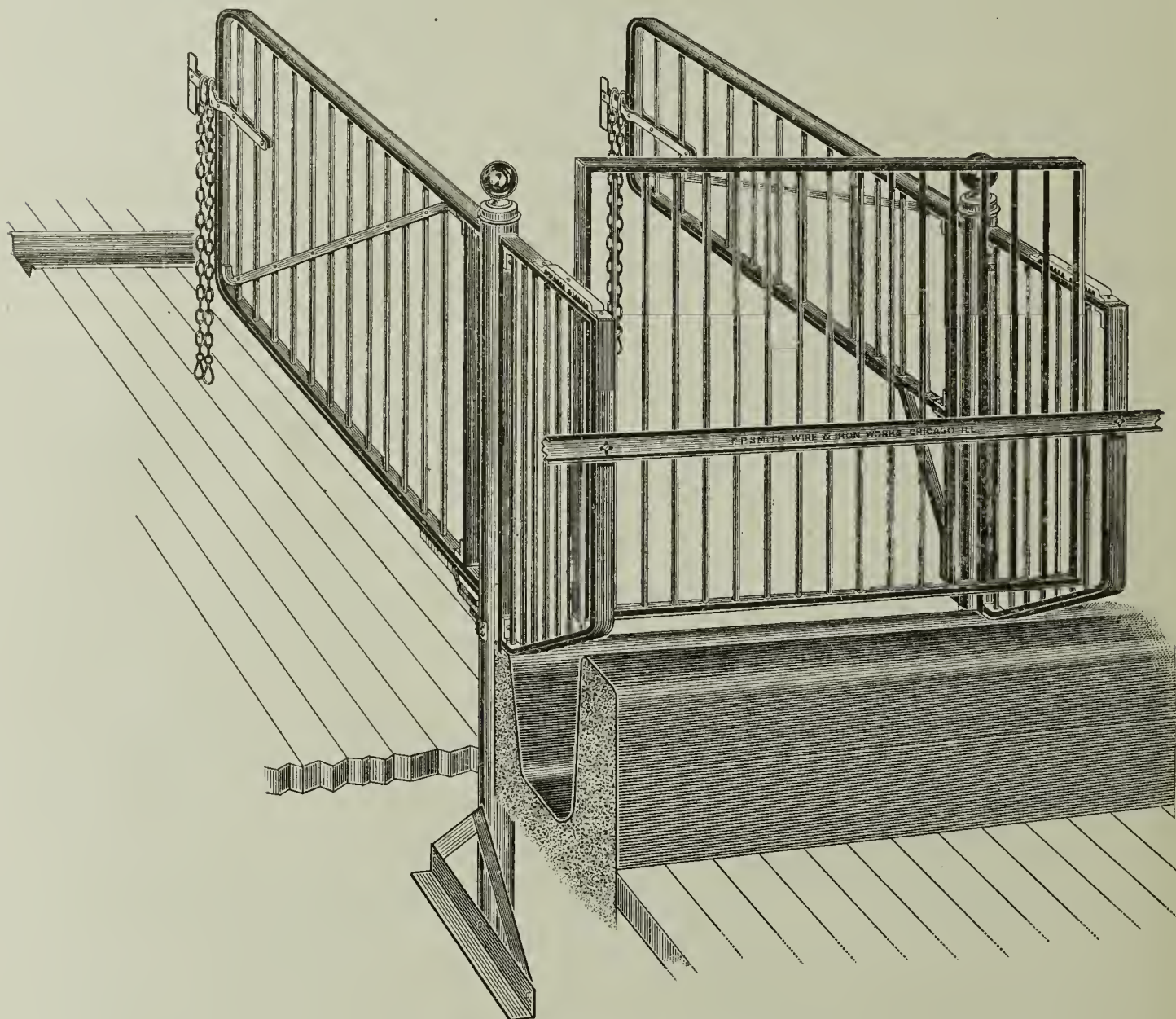
Our Iron Cow Stall Partitions are made entirely of metal, making them sanitary and a vast improvement over the old style wooden partitions.

All material in their construction is of **the best grade**, very heavy, and the workmanship throughout is of the highest quality, making a fixture that is practically indestructible.

They are very practical on account of their giving plenty of ventilation between the animals and at the same time keeping them separated.

One of the main features is the swinging arrangement. Each partition is hinged to the iron post and swings open, so that, starting at one end, the animals can be quickly turned out from the side instead of backing them out, saving considerable time and trouble.

The Front Swinging Panel is made adjustable to accommodate different size cows.



No. 20 Iron Cow Stall Partitions

Size, 6 ft. 10 in. long, 3 ft. 4 in. wide and 3 ft. 10 in. high from Floor

Price, per Partition, with post and front swinging Panel . . . . . \$30.00

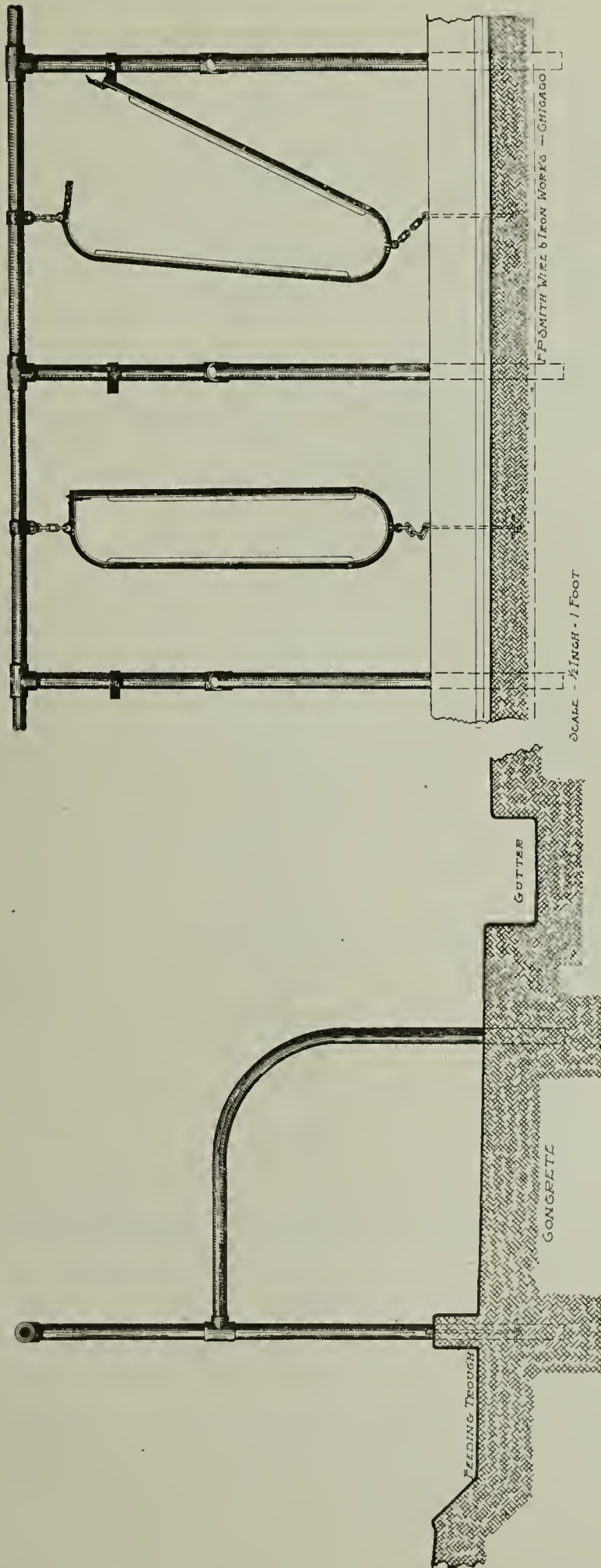
The above illustration shows the partition on right hand side raised far enough from floor to accommodate a milking machine. When ordering state whether you want part of them made in this manner or whether all regular like partition on left-hand side.

Large detail drawing of above partition sent on request

We make to order other sizes; also similar Partition Work for Bull Pens.

Send Diagram when ordering.

## TUBULAR STANCHION FRAME



No. 30 Tubular Stanchion Frame

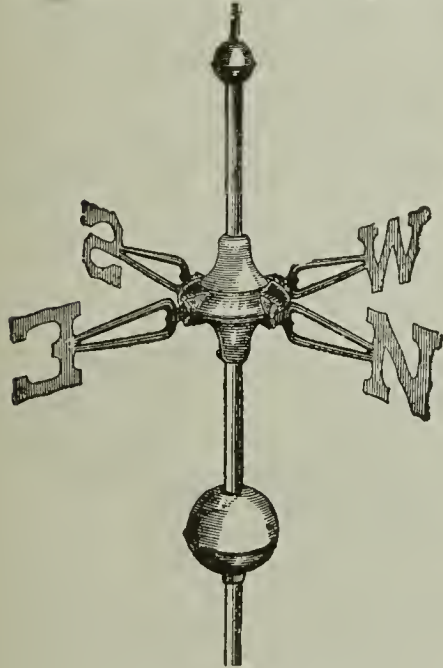
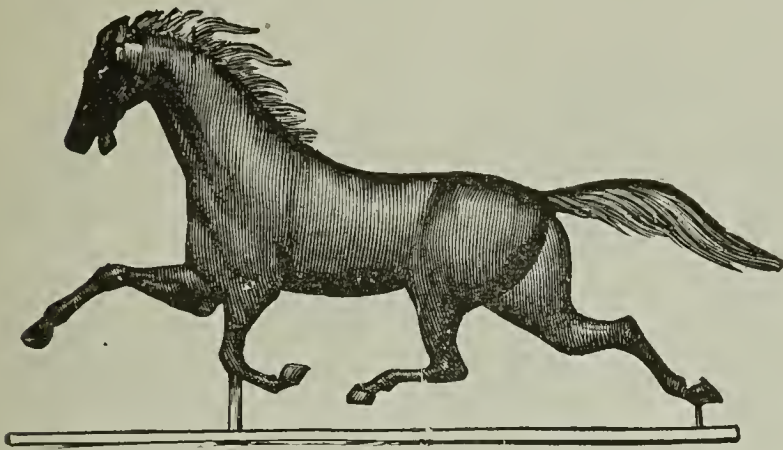
Made of  $1\frac{7}{8}$  inch outside diameter Iron Pipe

Price, per stall.....Japaned, \$10.00

Price includes sufficient overhead pipe for one stall, one upright piece, one bent pipe Partition, one each clamp and anchor for hanging Stanchion and one arm rest to hold stanchion arm when open. For prices on stanchions refer to page 31.

The above illustration shows ends of pipe imbedded in concrete. Can also be arranged to fasten to wood floor at the same price.



**Ethan Allen Vane.**

MOUNTED COMPLETE.

No. 100.	25 inches long.....	each, \$15.00
No. 101.	31     "                 .....	"     20.00
No. 102.	48     "                 .....	"     75.00
No. 103.	With sulky pneumatic tire "	35.00
Size 22x38 inches long.		

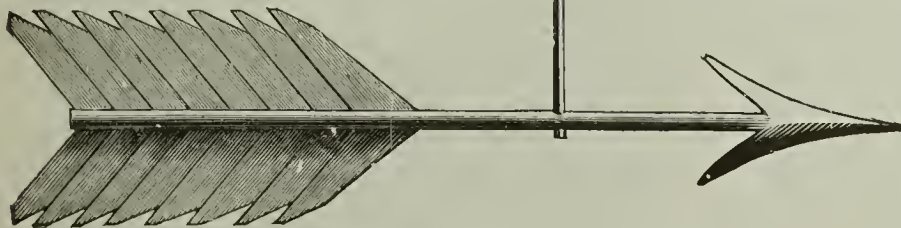
All our Vanes are full-bodied, made of pure copper, gilded with genuine gold leaf. We make all designs.

**Copper Eagle Vanes.**

No.		Each.
153.	15-inch spread.....	\$15.00
154.	18     "                 .....	21.00
155.	24     "                 .....	25.00
156.	30     "                 .....	35.00
157.	42     "                 .....	50.00
158.	48     "                 .....	70.00

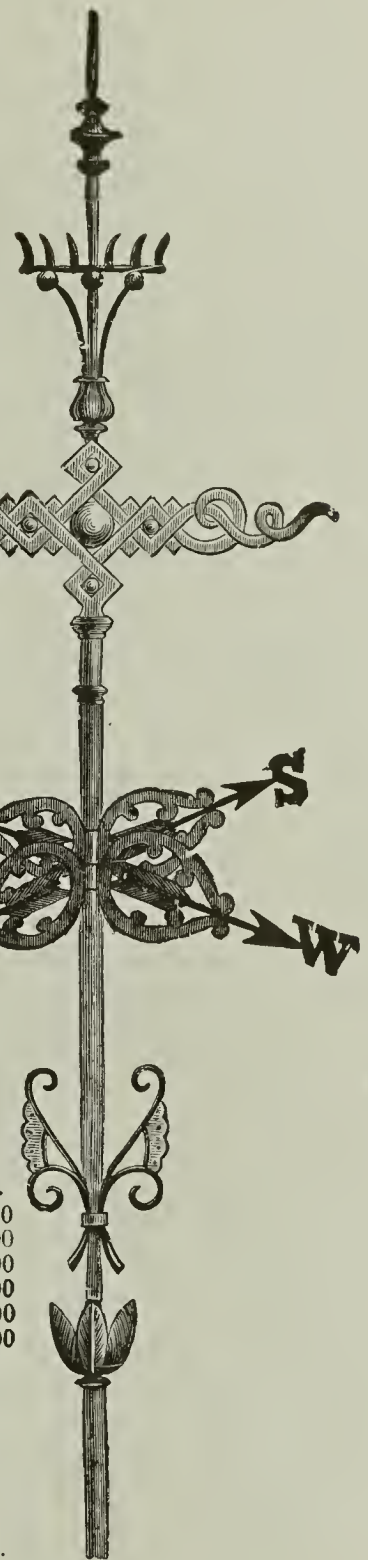
Mounted complete.

Gilded with pure gold leaf.

**Arrow Vane.**

MOUNTED COMPLETE SAME AS ABOVE HORSE VANE.

		Painted.	Gilded.
No. 123.	1½ feet long.....	each, \$5.00	\$6.00
No. 124.	2     "                 .....	"     6.75	8.00
No. 125.	2½   "                 .....	"     8.50	10.00
No. 126.	3     "                 .....	"     13.00	15.00
No. 127.	3½   "                 .....	"     15.00	18.00
No. 128.	4     "                 .....	"     16.50	20.00



Copyrighted 1883.

**No. 60 Malleable Iron Weather Vane.**

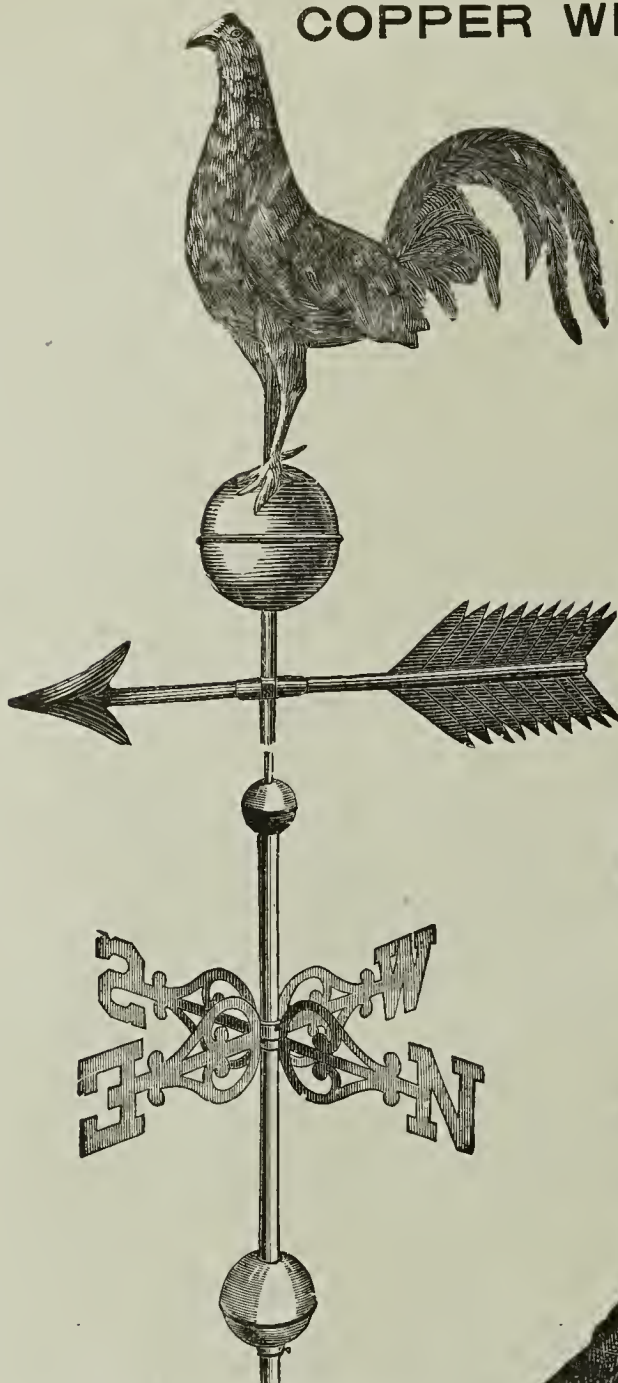
7 feet high, Vane 3½ feet long.

Painted one coat.....	each, \$15.00
Finished any color ....	"     16.50
Ornamented gold leaf..	"     20.00

A most attractive and durable Vane. Made entirely of malleable iron.

**We Make Special Designs to order.**

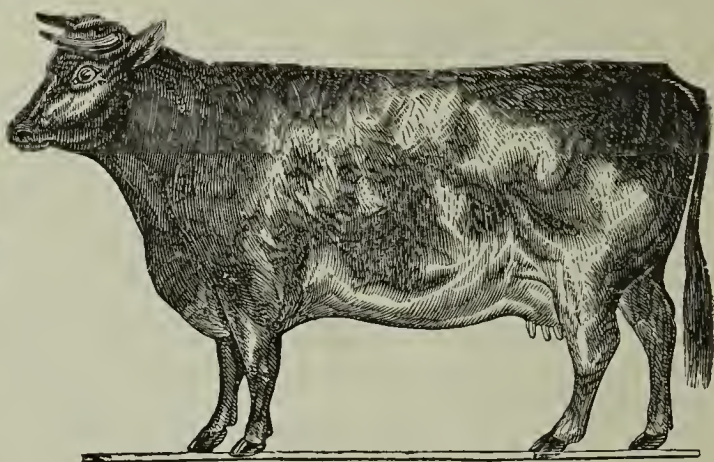
## COPPER WEATHER VANES.

**Full-Bodied Game Cock.**

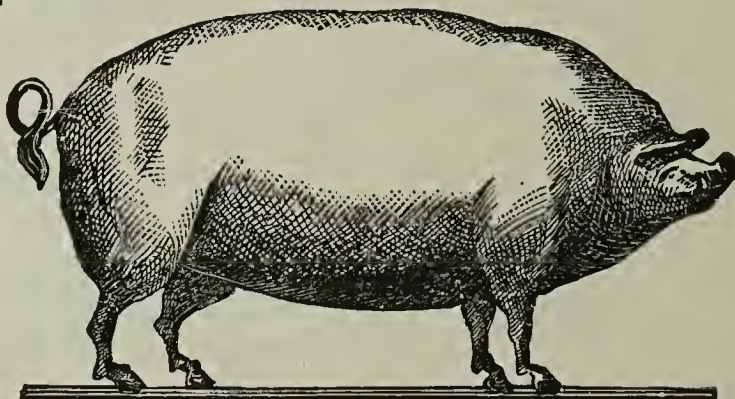
No. 77 Size, 14 in. long, 16 in. high...each \$15.00  
 No. 77½ Without arrow..... " 12.00  
 Mounted complete as shown, arrow 20 in. long,  
 spire ¼-in. in diameter, 42 in. long, letters 3½ in.

**Game Rooster.**

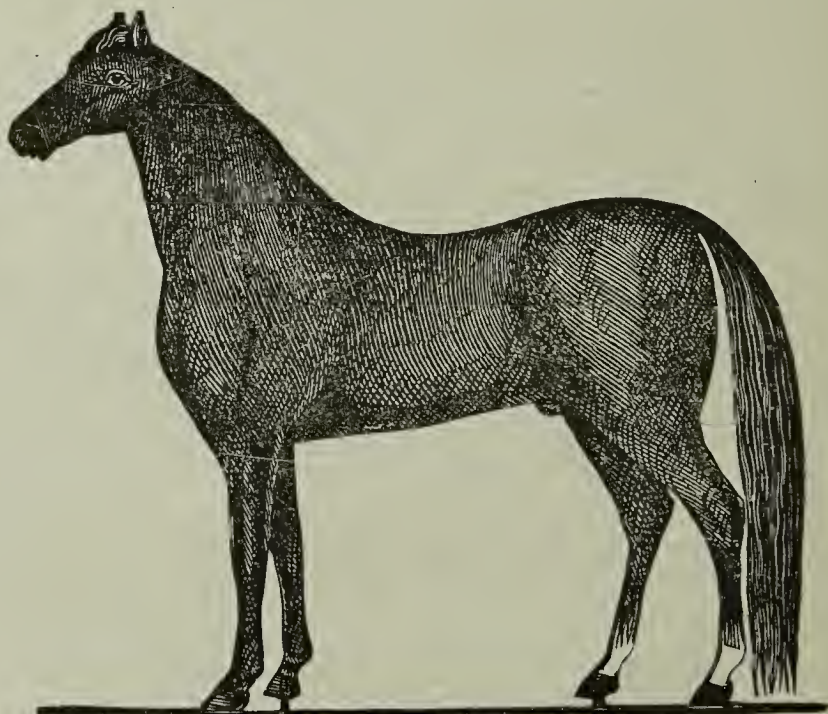
No. 13A 12 in. long, 12 in. high.....each \$ 7.00  
 No. 13 15 in. long, 18 in. high..... " 10.00  
 No. 13B 19 in. long, 24 in. high..... " 24.00  
 Mounted complete with spire, letters and  
 balls, same as Ethan Allen Vane.

**Cow Vane.**

No. 9 Size, 28 in. long, 17 in. high .....each \$22.50  
 No. 9A " 36 " " 20 " " ..... " 50.00  
 No. 8 Ox Vane, size, 24 in. long, 13 in. high ..... " 20.00  
 No. 8A " " 36 " " 20 " " ..... " 50.00  
 Mounted complete with spire, letters and balls, same as Ethan  
 Allen Vane.

**Hog Vane.**

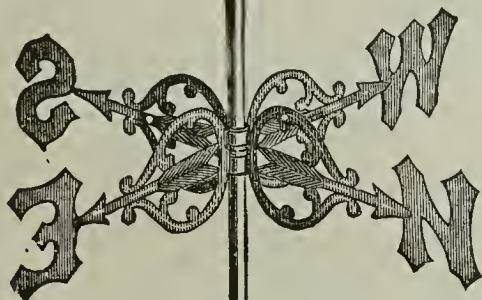
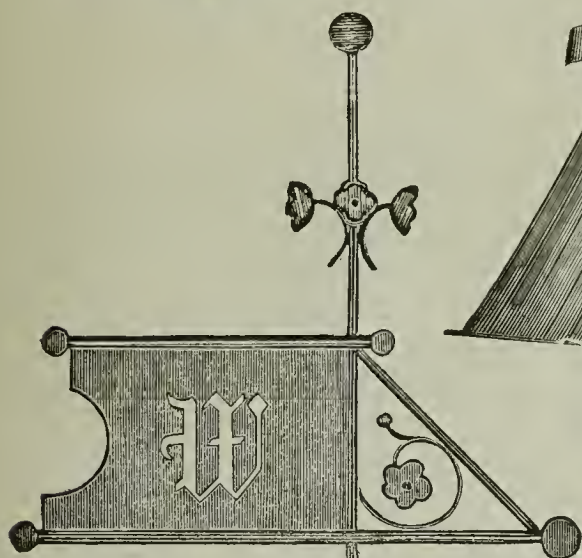
No. 56 Size, 30 in. long, 16 in. high .....each \$30.00  
 No. 56½ " 34 " " 18 " " ..... " 36.00  
 Mounted complete with spire, letters and balls, same as Ethan  
 Allen Vane.

**Lexington.**

No. 65 Size, 35 in. long, 27 in. high .....each \$30.00  
 Mounted complete with spire 1 in. in diameter, 54 in. long, letters 6 in.,  
 and balls same as Ethan Allen.

All the above Vanes are made of Copper and gilded with pure gold leaf.

## Copper Weather Vanes.

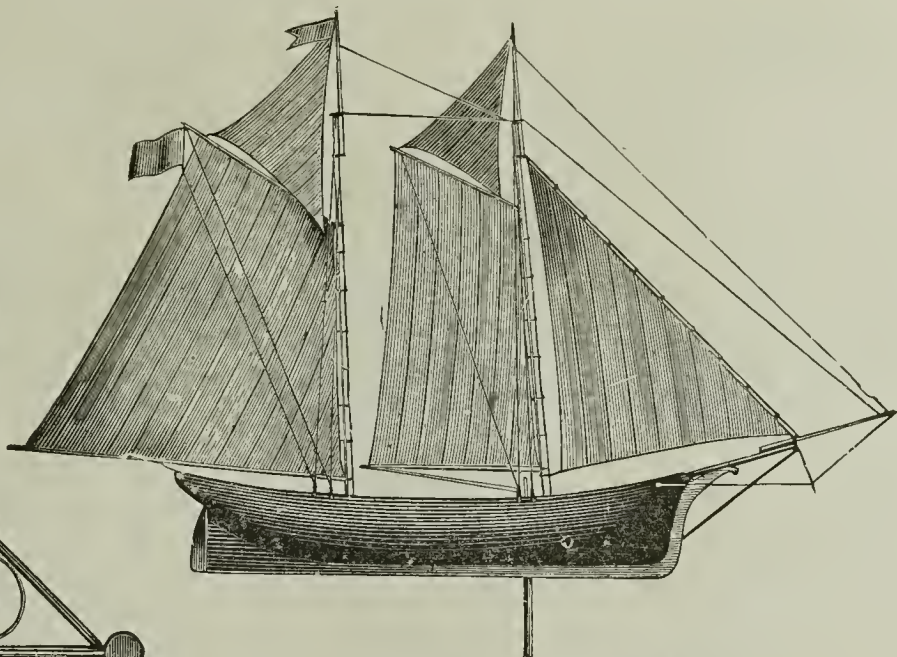


### Initial Banneret Vane.

No.		
269,	2 ft. 6 in. long	\$30.00
270,	3 " "	35.00
271,	3 " 6 " "	45.00
272,	4 " "	50.00

Mounted complete as shown.

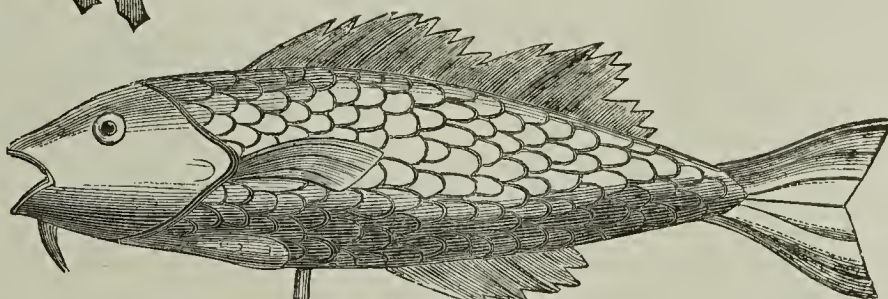
Any letter, monogram or design cut in panel without extra charge.



### Schooners, Yachts, Etc.

No. 85,	3 foot, Sloop.....	\$38.00
No. 86,	4 " " .....	45.00
No. 86½,	3 " Schooner.....	50.00
No. 87,	4 " " shown above.....	75.00

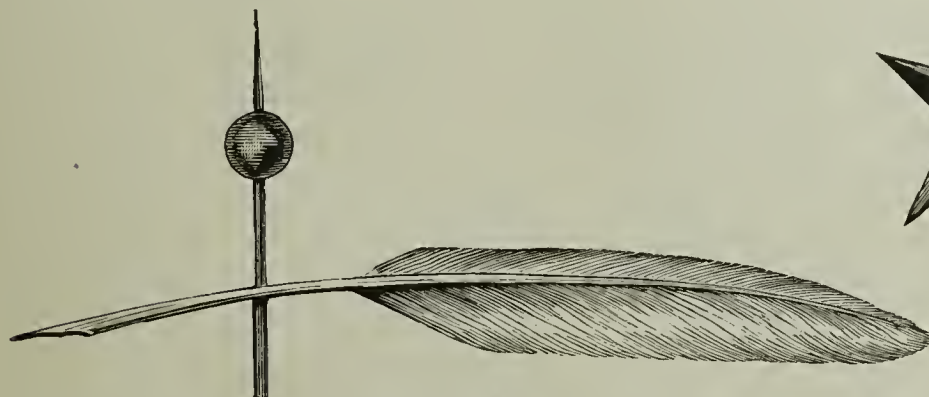
Mounted complete with spire, letters and balls, same as Ethan Allen Vane.



### Fish Vane.

No. 12a,	18 in. long.....	\$15.00
No. 12,	30 " .....	28.00
No. 11½,	36 " .....	35.00

Mounted complete with spire, letters and balls, same as Ethan Allen Vane.



### Pen Vane.

No. 72,	2 feet long.....	\$10.00
No. 73,	3 feet long.....	17.00
No. 74,	4 feet long.....	24.00
Designed for Academies, Colleges, etc.		
No. 75,	5 feet long.....	\$35.00
No. 76,	6 feet long.....	50.00
Mounted complete with spire, letters and balls, same as Ethan Allen Vane.		
All our Vanes are made of copper and gilded with pure gold leaf.		

### Stars, For Flag Stuffs Gilded with Gold.

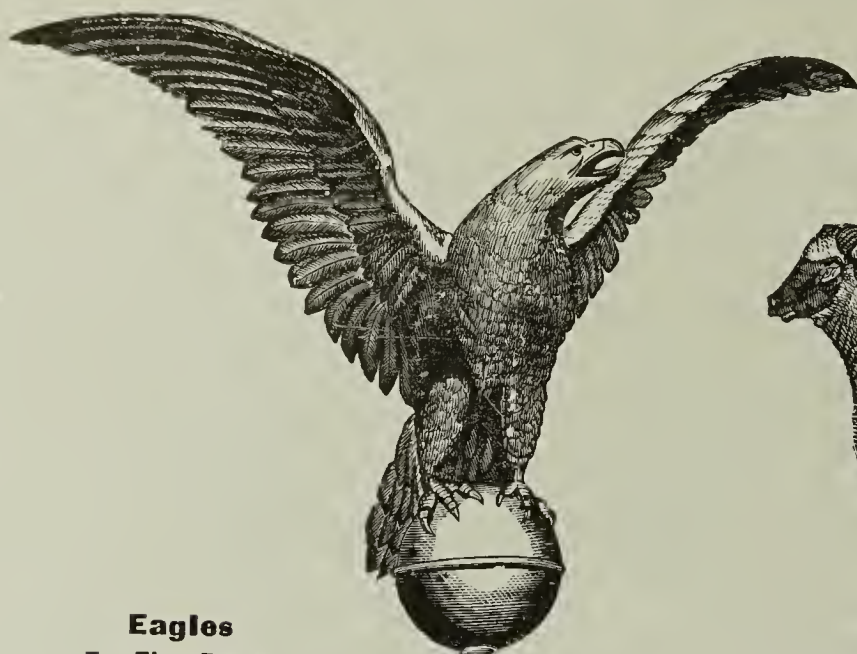
#### 5 Points.

No.	
401,	7" \$ 3.00
402,	9" 4.00
403,	12" 5.00
404,	15" 6.50
405,	16" 7.50
406,	17" 8.50
407,	18" 9.50
408,	20" 10.50
409,	22" 11.50
410,	24" 13.00

#### 9 Points.

No.	
411,	7" \$ 5.50
412,	9" 7.00
413,	12" 11.00
414,	15" 15.00
415,	16" 16.00
416,	17" 17.00
417,	18" 18.00
418,	20" 20.00
419,	22" 22.00
420,	24" 25.00





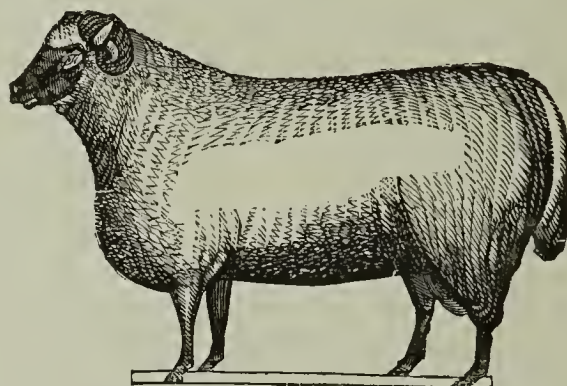
### Eagles

For Flag Poles.

On Stems, Stationary, not used  
as Vanes, Gilded with Gold.

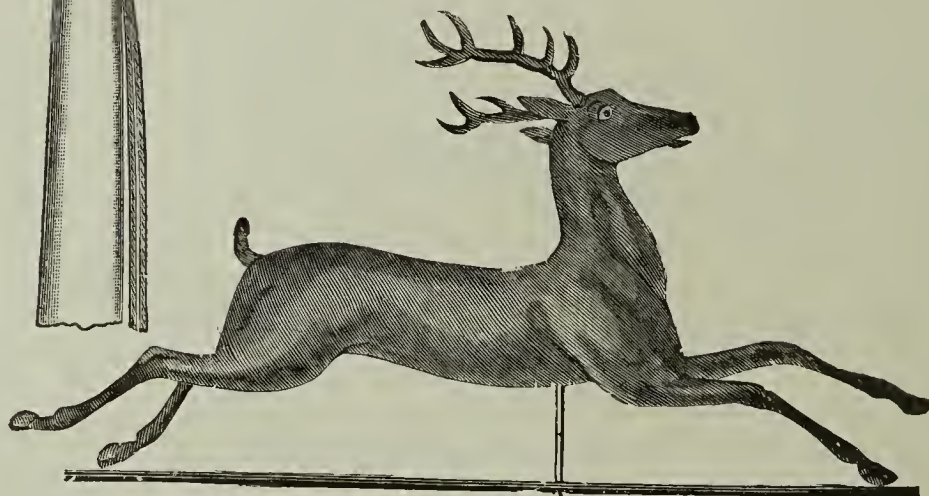
No. 323, 8 inches.....	\$ 6.00
" 324, 10 " .....	7.00
" 325, 12 " .....	8.00
" 326, 15 " .....	9.00
" 327, 16 " .....	11.00
" 328, 18 " .....	15.00
" 329, 21 " .....	18.00
" 330, 24 " .....	20.00
" 331, 26 " .....	22.00
" 332, 30 " .....	30.00
" 333, 36 " .....	37.00
" 334, 42 " .....	40.00
" 335, 48 " .....	60.00
" 336, 54 " .....	70.00
" 337, 5 feet.....	100.00
" 338, 5 feet 6 in.....	125.00
" 339, 6 feet.....	140.00
" 340, 6 ft. 6 in. }	Prices given on applica- tion.
" 341, 7 ft.....	
" 342, 8 ".....	
" 343, 10 ".....	
" 344, 12 ".....	
" 345, 14 ".....	

### Copper Weather Vanes.



### Ram and Sheep Vanes.

No. 10, Ram, 20x32 in.....	\$35.00
" 11, Sheep, 20x32 in.....	30.00
Mounted complete with spire, letters and balls, same as Ethan Allen Vane.	

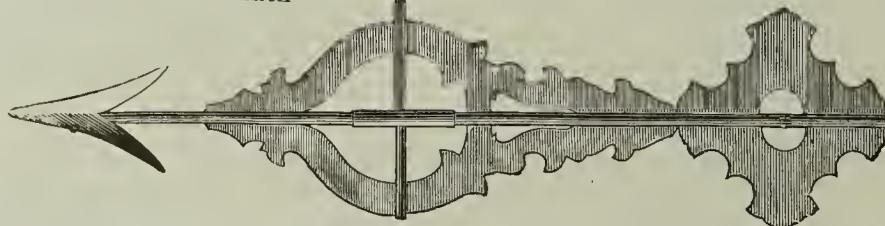


### Deer Vane

No. 52, Size, 30x16 inches.....	\$25.00
No. 53, " 30x22 " .....	40.00
Mounted complete with spire, letters and balls, same as Ethan Allen Vane.	

### Church Scroll Vane.

Mounted complete with spire, let-  
ters and balls, same as Ethan Allen  
Vane.



No. 45, 1 ft. long.....	\$ 5.00
" 44, 1 ft. 3 in. long...	6.00
" 43, 1 1/2 ft. long .....	8.00
" 42, 2 ft. long .....	10.00
" 41, 2 1/2 ft. long .....	12.00

No. 40, 3 ft. long.....	\$15.00
" 39, 3 1/2 ft. long .....	18.00
" 38, 4 ft. long .....	20.00
" 37, 4 1/2 ft. long .....	25.00
" 36, 5 ft. long .....	35.00

No. 35, 5 1/2 ft. long .....	\$ 40.00
" 34, 6 ft. long .....	55.00
" 33, 8 ft. long .....	80.00
" 32, 10 ft. long .....	100.00
" 31, 12 ft. long .....	125.00

### Copper Balls on Stems, for Flag-Staffs.

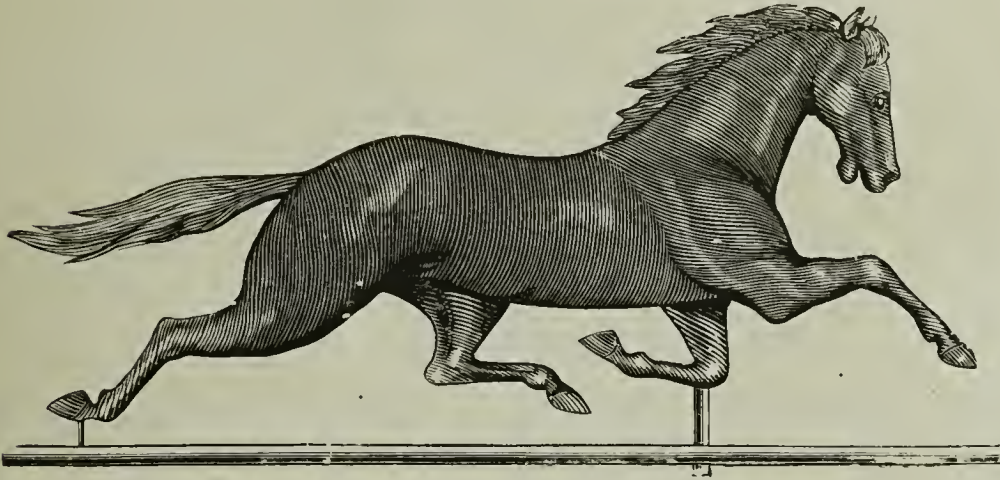
No. 450, 2 in. ....	\$5.00
" 451, 2 1/2 " ..	.60
" 452, 3 " ..	.70
" 453, 3 1/2 " ..	.90
" 454, 4 " ..	1.10
" 455, 4 1/2 " ..	1.25
" 456, 5 " ..	1.40
" 457, 6 " ..	2.00
" 458, 7 " ..	3.00
" 459, 8 " ..	3.50
" 460, 9 " ..	6.75
" 461, 10 " ..	7.75
" 462, 12 " ..	12.00
" 463, 15 " ..	23.00
" 464, 18 " ..	32.00

Any size made to order,  
Gilded with Gold.

**Special Prices** quoted  
on Flag Poles, both Wood  
and Metal Sheaves, Rope, etc.,  
on application.

All our Vanes are made of Copper and gilded with pure gold leaf.

## COPPER WEATHER VANES



Patchen Vane

- No. 4a**—42 inches long .....\$ 40.00  
**" 376**—52 " " Patchen and Sulky ..... 65.00  
 Mounted complete with spire, letters and balls, same as Ethan Allen vane.



Eagles for Tow Boats, etc.

- No. 300**—8 inches spread.....\$- 7.00  
**" 302**—12 " " ..... 9.00  
**" 303**—15 " " ..... 11.00  
**" 305**—18 " " ..... 20.00  
**" 307**—24 " " ..... 24.00  
**" 309**—30 " " ..... 34.00  
**" 310**—36 " " ..... 40.00  
**" 311**—42 " " ..... 45.00  
**" 312**—4 ft. " ..... 65.00  
**" 313**—4½ " " ..... 75.00  
**" 314**—5 " " ..... 107.00  
**" 315**—5½ " " ..... 130.00  
**" 316**—6 " " ..... 145.00

These Eagles are specially designed for ship work, being made of heavy copper, braced throughout with steel.

All of the above Vanes are made of copper and gilded with pure Gold Leaf.

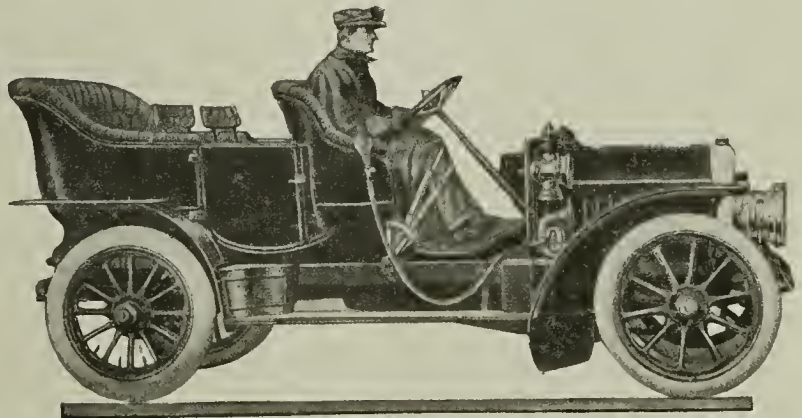
We manufacture Vanes from any special drawing or design.



"Baby" Vane, full bodied

- No. 500**—36 inches long.....\$ 160.00

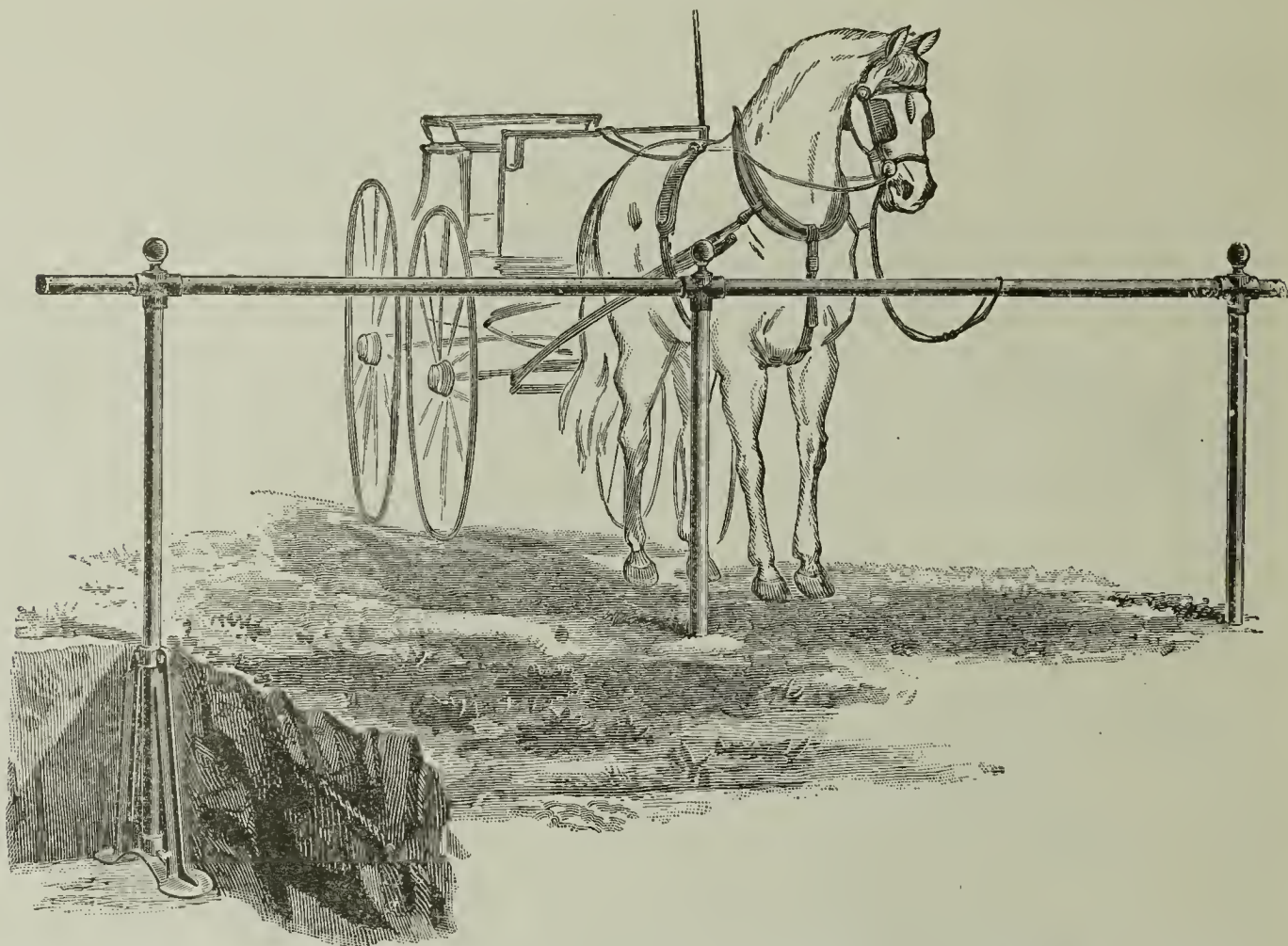
Price includes spire, letters and balls complete as shown.



Automobile Vane

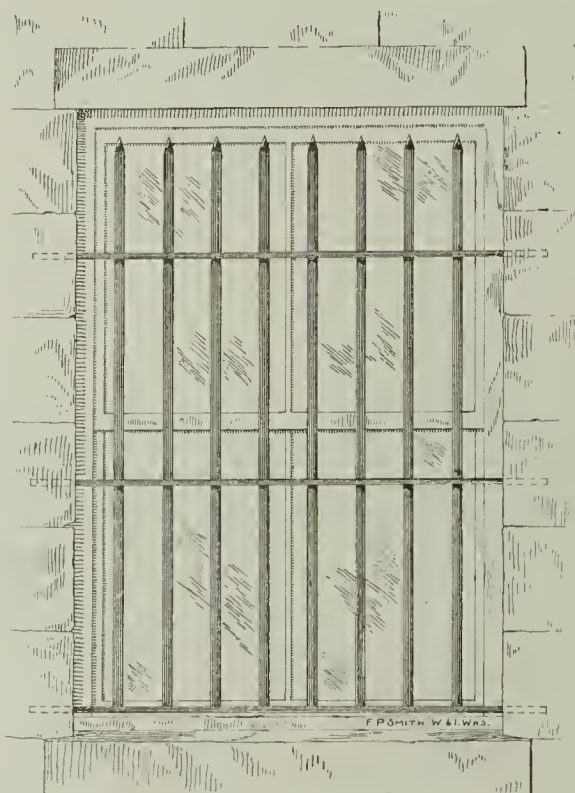
- No. 415**—24 inches long, complete.....\$ 75.00  
**" 416**—30 " " " ..... 100.00  
**" 417**—36 " " " ..... 150.00

Mounted complete with spire, letters and balls, same as Ethan Allen vane.



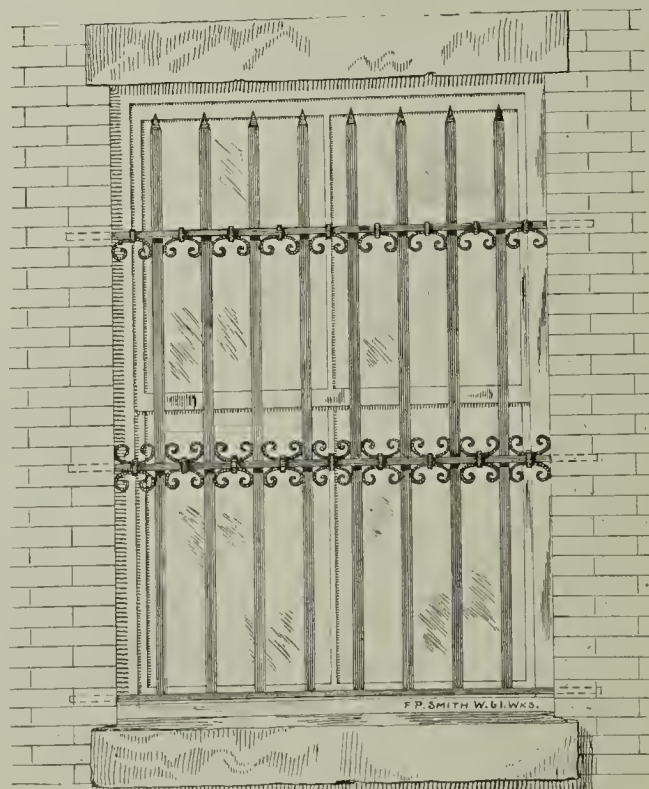
No. 305 Tubular Fence or Hitching Rack, suitable for court-house and private lawns, cemetery enclosures, etc. Horizontal rail 1 7-8 in., Posts 2 3/4 in., outside diameter. Prices on application.

### IRON WINDOW GUARDS



No. 18 Plain Iron Window Guard

Made of	1/2 inch round uprights.....	per sq. ft.	\$0.45
"	5/8 " " " " " " " "		.50
"	3/4 " " " " " " " "		.60



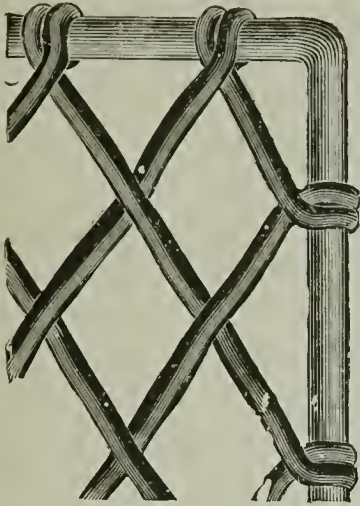
No. 19 Ornamental Iron Window Guard

Made of	1/2 in. round iron, per sq. ft.	\$0.65.	Sq. iron, \$0.75
"	5/8 " " " " " " " "	.75.	" .90
"	3/4 " " " " " " " "	.95.	" 1.10

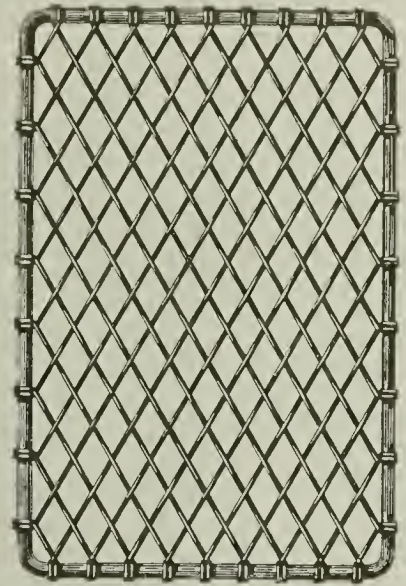
We manufacture many other designs of Iron Window Guards. Send for complete Catalogue.

**CRIMPED WIRE WINDOW GUARDS**

In ordering, always state which is the height, and give exact size you want Guards made.

**No. 20 Style of Frame**

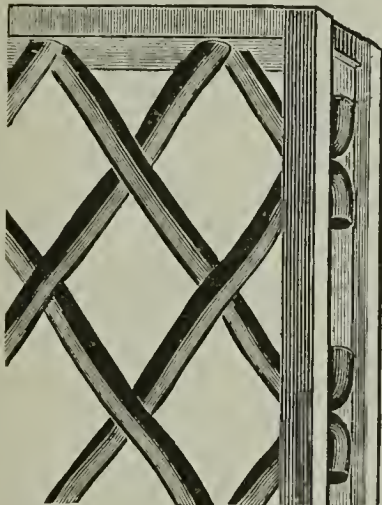
Cut showing method of making No. 5 Crimped Wire Window Guard with ROUND IRON FRAME, and how the wire is secured to it;  $\frac{1}{4}$ ,  $\frac{5}{16}$  or  $\frac{3}{8}$  round iron frame. This style of frame is made to swing with hinges and hasp; each, \$1.00.

**No. 5 Wire Window Guard**

With round Iron Frame.

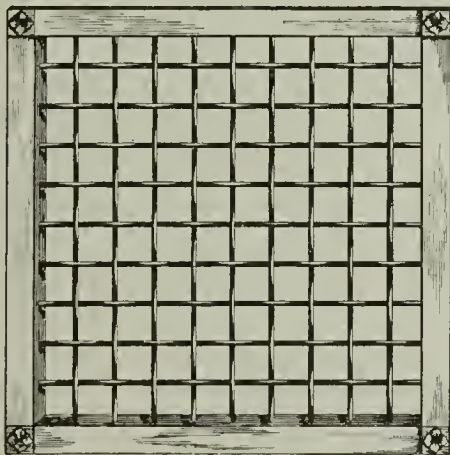
		Per Sq. ft.
$\frac{3}{4}$ inch mesh, No. 14 wire.....	\$0.30	
1 " " No. 14 ".....	.24	
1 " " No. 13 ".....	.27	
1 $\frac{1}{4}$ " " No. 13 ".....	.22	
1 $\frac{1}{4}$ " " No. 12 ".....	.25	
1 $\frac{1}{2}$ " " No. 13 ".....	.20	
1 $\frac{1}{2}$ " " No. 12 ".....	.23	
1 $\frac{1}{2}$ " " No. 11 ".....	.27	
1 $\frac{3}{4}$ " " No. 11 ".....	.25	
1 $\frac{3}{4}$ " " No. 10 ".....	.27	
2 " " No. 10 ".....	.24	
2 " " No. 9 ".....	.28	
2 " " No. 8 ".....	.35	

This make of Window Guards is fastened to the casing with wire staples which we can furnish, if desired. Our wire eyes may be attached to the frame so as to fasten with screws, if so desired.

**No. 21 Style of Frame**

Cut showing method of making No. 4 Crimped Wire Window Guard with a CHANNEL IRON FRAME, and how the wire is secured.

All Channel frame guards made to swing with hinges and hasp, extra, each, \$2.50. With good mortise lock, extra, each, \$5.50.

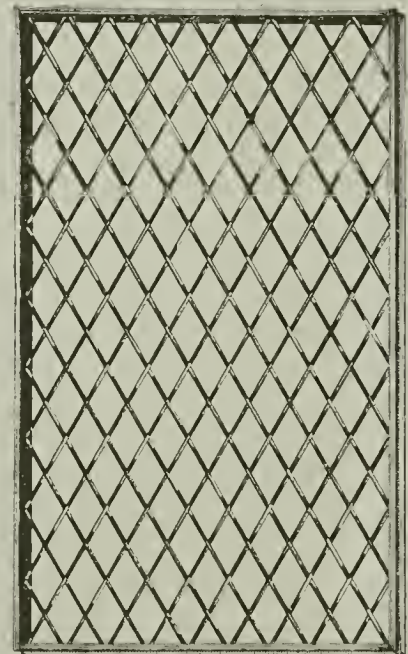
**CRIMPED WIRE VENTILATING GUARD****No. 10 Wire Ventilating Guard**

With Angle Iron Frame and Rosettes in corners

Size or smaller	Price, each
18 by 18 inches .....	\$4.50
24 " 24 " .....	5.00
30 " 30 " .....	5.75
36 " 36 " .....	6.50

We list above only a few specifications. We can make wire guards of any size mesh, wire or frame, that is practicable to make.

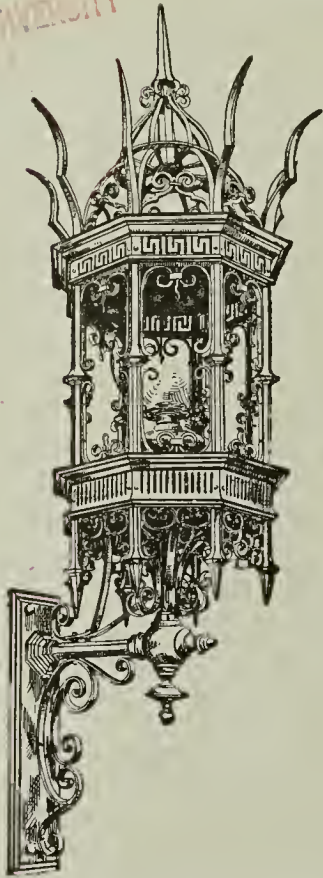
For Window Guards smaller than 5 square feet, higher prices will be charged. Special prices on large orders.

**No. 4 Wire Window Guard**

With Channel Iron Frame	Per Sq. ft.
1 $\frac{1}{4}$ inch mesh, No. 11 wire .....	\$0.45
1 $\frac{1}{2}$ " " No. 10 ".....	.45
2 " " No. 9 ".....	.45
2 $\frac{1}{2}$ " " No. 7 ".....	.45

## ORNAMENTAL IRON LAMPS

EVERETT  
COLUMBIA UNIVERSITY



**No. 7 Ornamental Lamp**

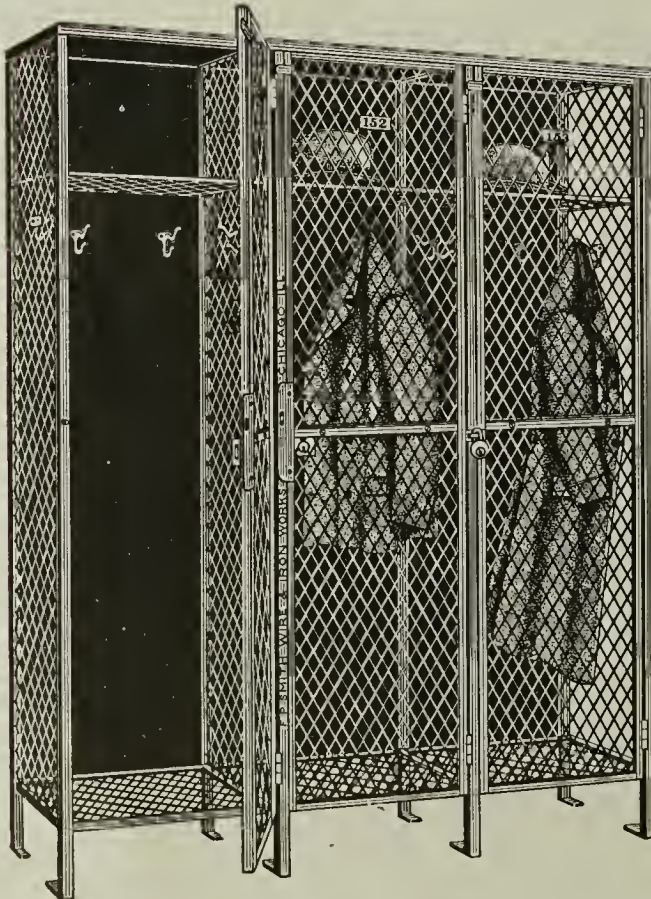
Size, 15x60 inches high, painted, each ....\$125.00



**No. 6 Ornamental Lamp**

Size, 13x52 inches high, painted, each....\$75.00

## SANITARY WIRE AND IRON LOCKERS



**No. 110 PATTERN STANDARD STEEL WIRE LOCKER.** (Single Depth or Wall Locker)

**Perfect Ventilation**  
**Cleanliness and Security**  
**Light**                      **Fireproof**                      **Indestructible**

**Adapted for Department Stores, factories, Colleges, Gymnasiums, etc.**

**Over 80,000 of our Lockers in Use**  
**Made Any Desired Size**

### STANDARD SIZES

For one occupant, 12 in. wide x 12 in. deep x 5 ft. 8 in. high above floor.

For two occupants, 18 in. wide x 12 in. deep x 5 ft. 8 in. high above floor.

For three occupants, 24 in. wide x 12 in. deep x 5 ft. 8 in. high above floor.

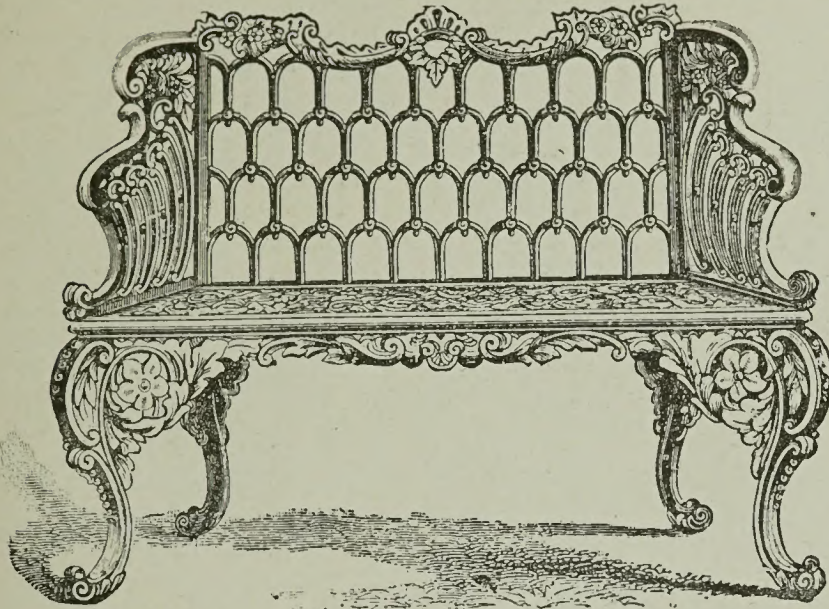
For four occupants, 24 in. wide x 15 in. deep x 5 ft. 8 in. high above floor.

Made of Heavy Steel Wire—Diamond Mesh—Double Steel Channel Frames, with Solid Plate Steel Tops and Backs.

Furnished with Coat Hooks, Bottom and Top Shelves of either wire or solid steel, and our special Flat Key Spring Locker Lock—master-keyed—or arranged for Padlock. Any desired finish. We also supply Keyless Combination Locks or our three point Locking Device if desired. Special prices on receipt of specifications stating quantity wanted.

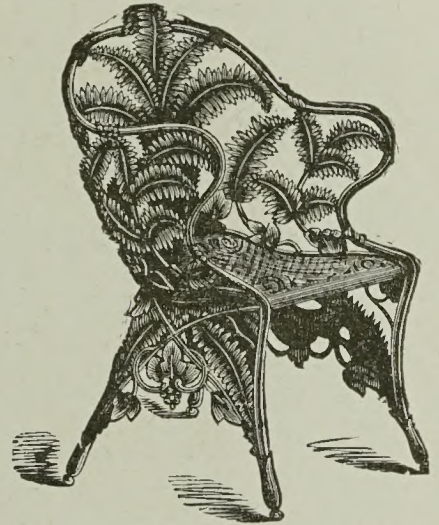
We also manufacture lockers of solid or perforated steel. Send for other styles.

## IRON LAWN FURNITURE

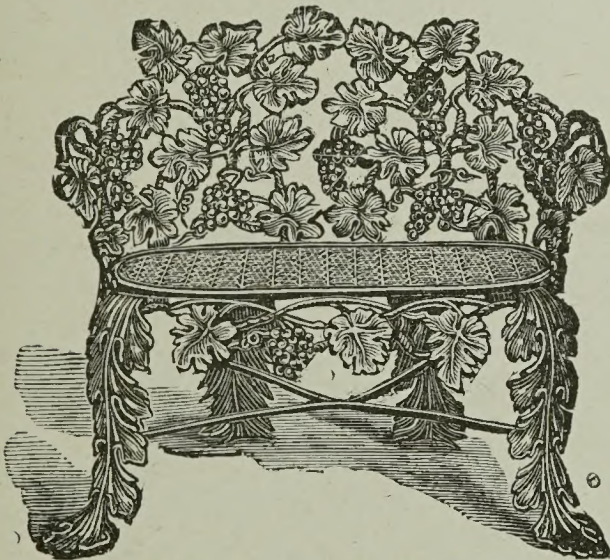
**No. 20 Gothic Settee**

Three-seat, length of seat, 38 inches, painted and bronzed, each....\$19.00

This is a new pattern, and is one of the richest cast-iron settees made, intended especially for large, elegant lawns and parks.

**No. 129 Fern Pattern Chair**

Bronzed ..... \$8.00

**No. 10 Iron Settee, Grape Pattern**

Two-seat, painted and bronzed, seat 29 inches long \$12.00

Three-seat, " " " " 39 " " 14.00

No. 13 Iron chair, grape pattern ..... 8.00

We manufacture many other patterns of Settees, Chairs and Vases and would be pleased to send complete Catalogue if desired.

**Iron Reservoir Vase**

1. 2. Height, to top of handles, 42 inches; diameter of vase, 18½ inches; width, including handles, 34 inches; capacity of reservoir, 4½ gallons.

Price, painted white.....\$22.00

1. 2. Same as above vase without handles.

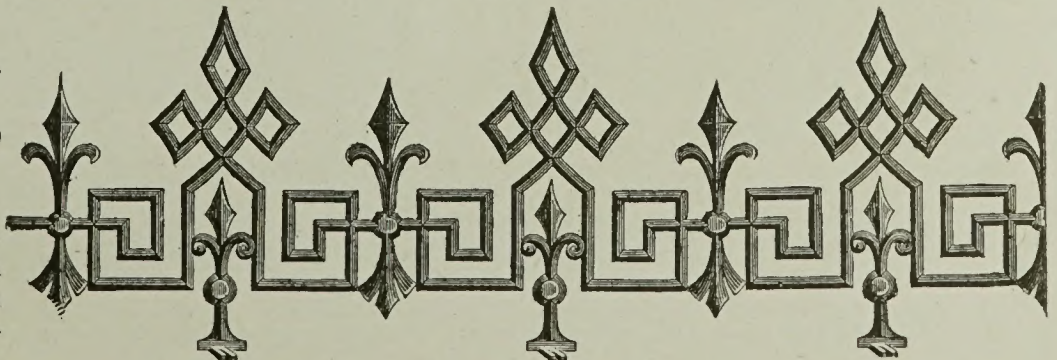
Price, painted white ..... \$16.00

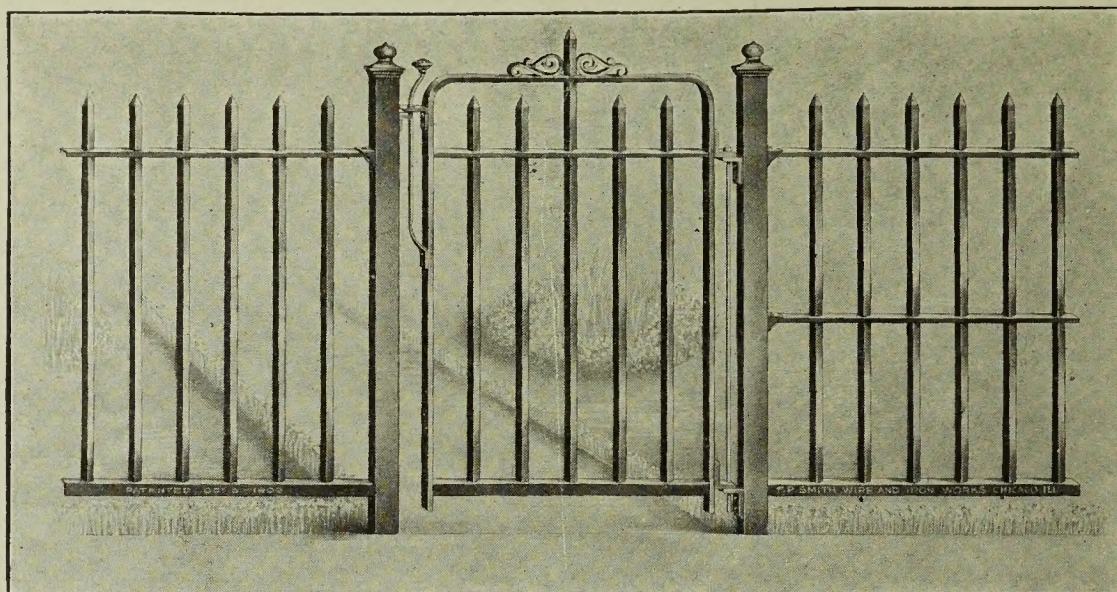
## IRON CRESTING OR ROOF RAILING

No. 138. Malleable Cresting, 12 inches high.

Per lineal foot .... \$0.40

We manufacture many different patterns of both cast and malleable Iron Cresting. Complete Catalogue sent on request.





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COLUMBIA UNIVERSITY

## TRIANGULAR STEEL FENCE

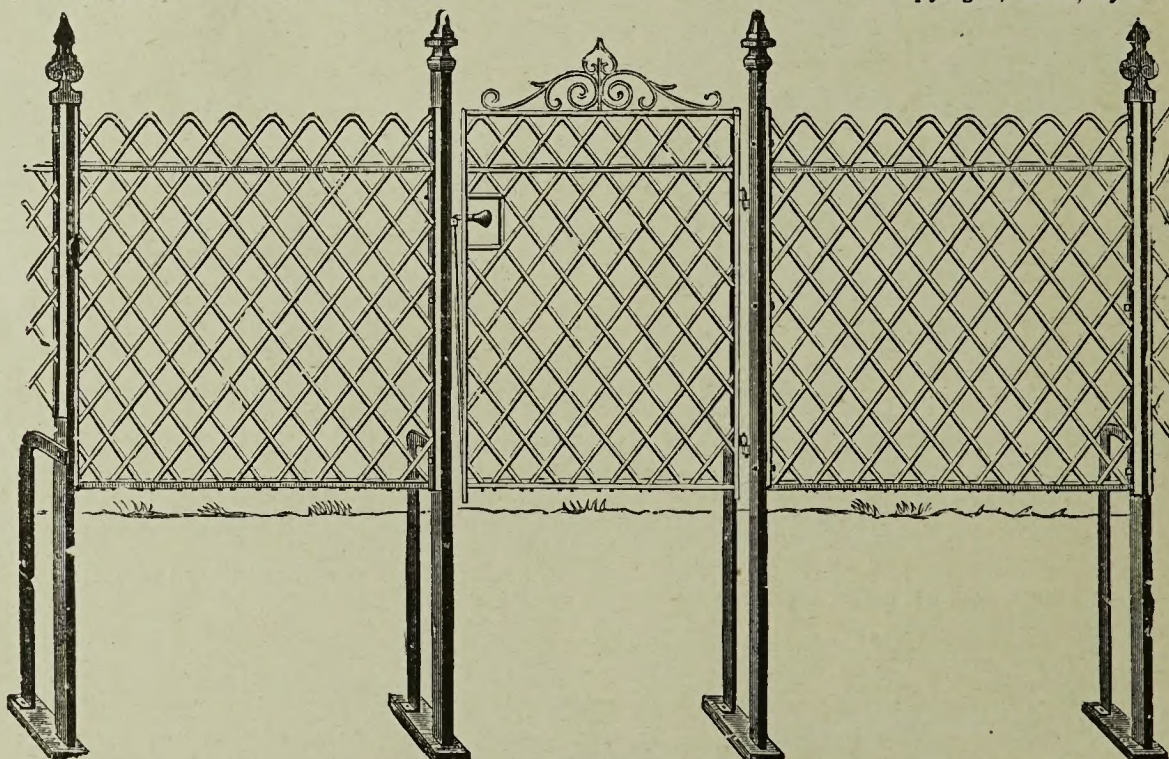
TRADE MARK

PRICE LIST PER LINEAL FOOT INCLUDING LINE POSTS.

Pickets	30 in. high, or about 34 in. high when set,	No. 500 Design. with two rails		No. 501 Design. with three rails		Square Steel Posts for Gates and Ends, extra.	
						Each,	\$4.25
"	32	"	36	"	"	"	4.25
"	36	"	40	"	"	"	4.50
"	42	"	46	"	"	"	5.25
"	48	"	52	"	"	"	6.50
"	54	"	58	"	"	"	8.00

On account of the extra labor and material Gates are charged extra, Single Gates, \$5.00, and Double Gates, \$10.00, and measured in the length of fence. Our new adjustable Line Posts are used about every 7 feet the entire length of Fence. Our standard pickets of  $\frac{3}{4} \times \frac{3}{4}$  in. steel angle  $\frac{3}{16}$  in. thick with solid drop forged tops, used for all heights listed above unless otherwise specified. Any pattern of cast Posts or open posts can be used in place of the square Posts shown in the above cut.

Copyright, 1909, by F. P. Smith



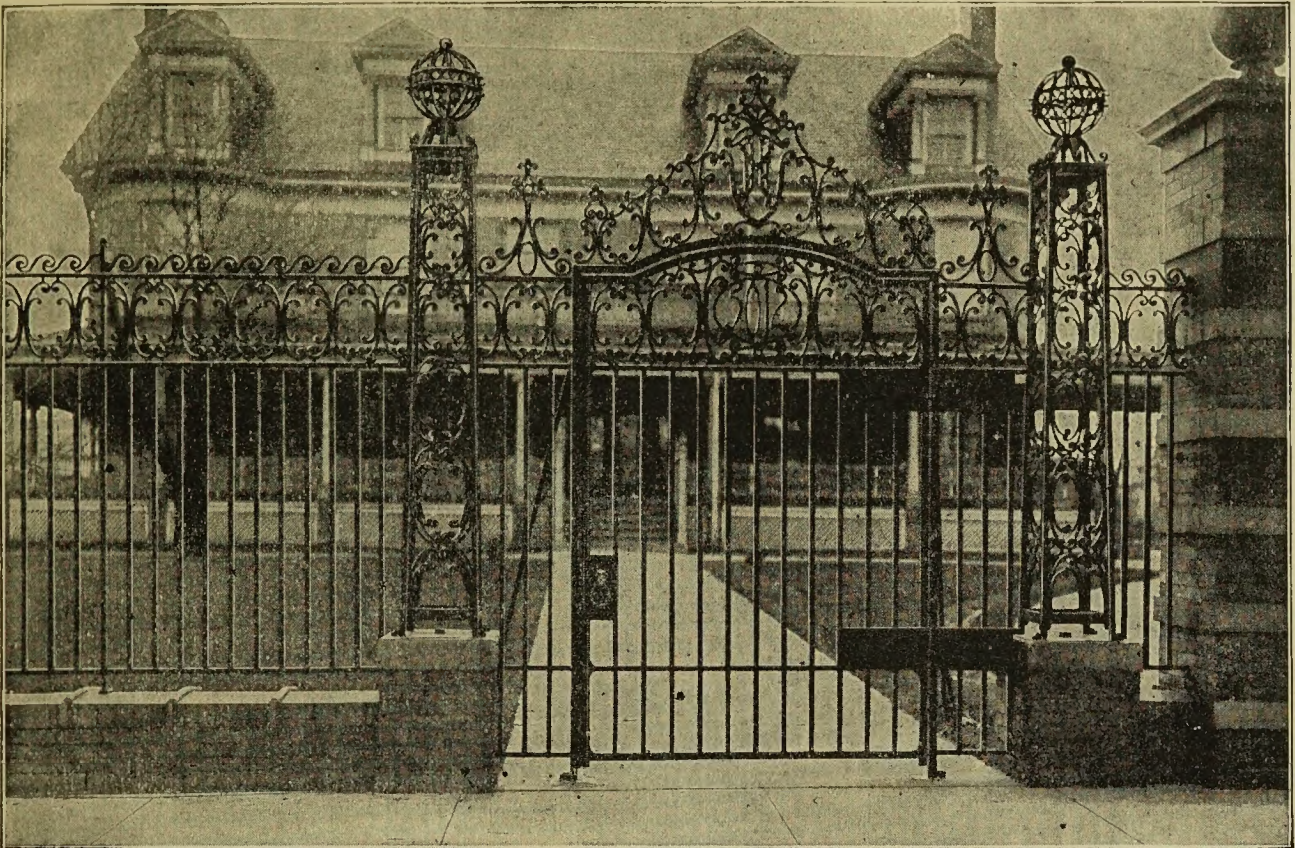
**No. 8 Pattern Standard Steel Wire Fence**  
STANDARD HEIGHT 36 INCHES IN STOCK

20 in high, or about 24 in high from ground to top, with Wrought Iron Foundation Posts, per lineal foot,		No. 8 $\frac{1}{2}$ Pattern with Rosettes	
26	30	"	\$1.10
32	36	"	1.20
38	42	"	1.30
44	48	"	1.40
		"	1.50

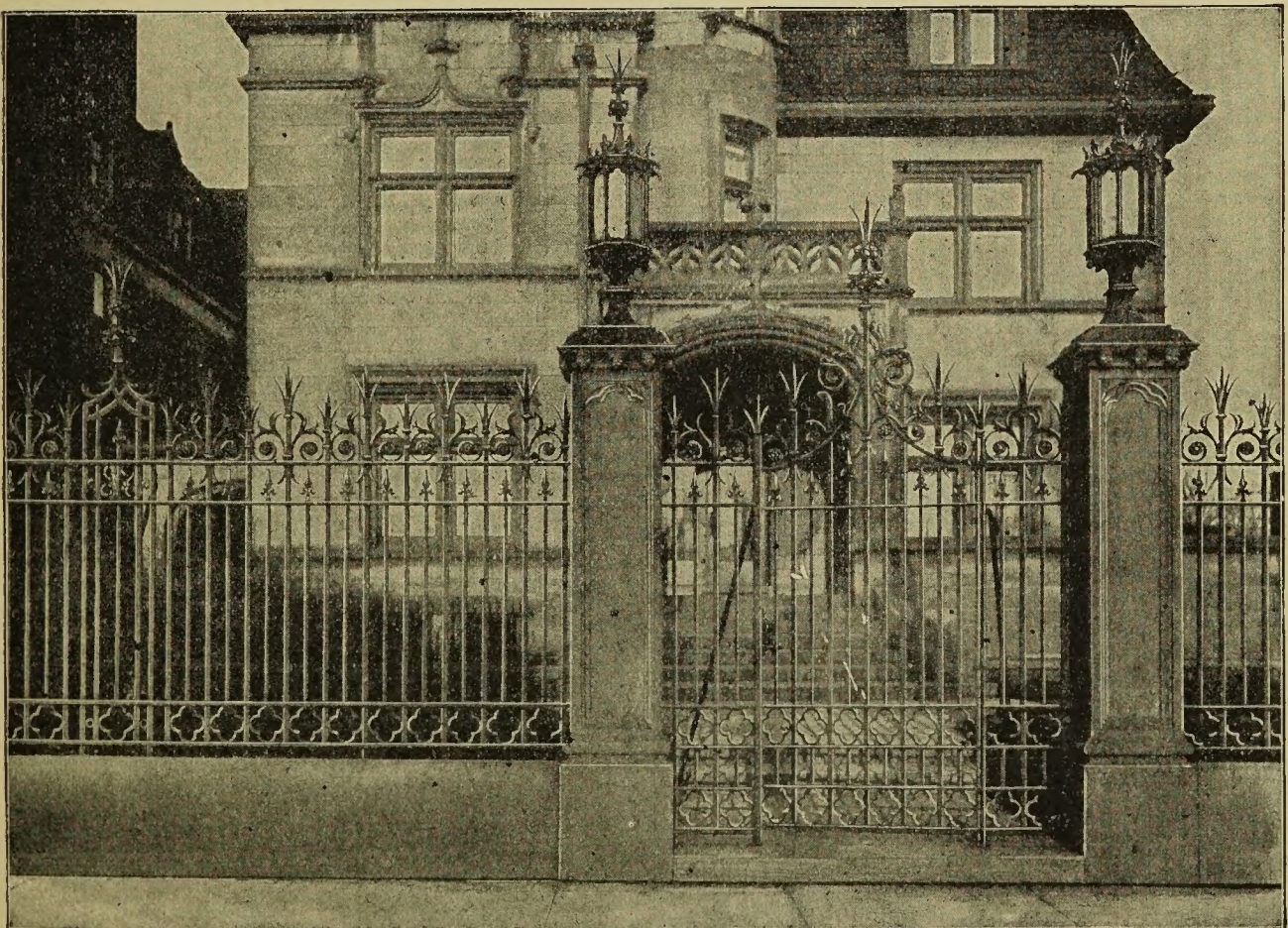
Gate, with arch, \$5.00 each extra. Gate with plain top, \$3.50 each extra. Double Gate, \$10.00 each extra.

This pattern is made of 3-16-inch heavy steel wire about 3-inch mesh, and heavy  $1\frac{1}{2}$ -inch channel iron frame. Has heavy wrought iron foundation posts, as shown in cut. Painted dark green, unless otherwise ordered. All of our Wire Fences can be used with wood posts. If made in panels, without iron posts, deduct 10 cents per foot from above lists.

**WRITE FOR COPY OF OUR SPECIAL IRON FENCE CATALOGUE**



**Ornamental Iron Fence and Gates furnished by us for  
Residence of Mr. John J. Mitchell, Woodlawn Avenue and Fiftieth Street, Chicago.  
M. L. Beers, Architect.**



**Ornamental Iron Fence, Gates and Lamps furnished by us for  
Residence of Mr. John R. Thompson, No. 4415 Grand Boulevard, Chicago.  
H. R. Wilson Architect.**

**WRITE FOR COPY OF OUR SPECIAL IRON FENCE CATALOGUE.**

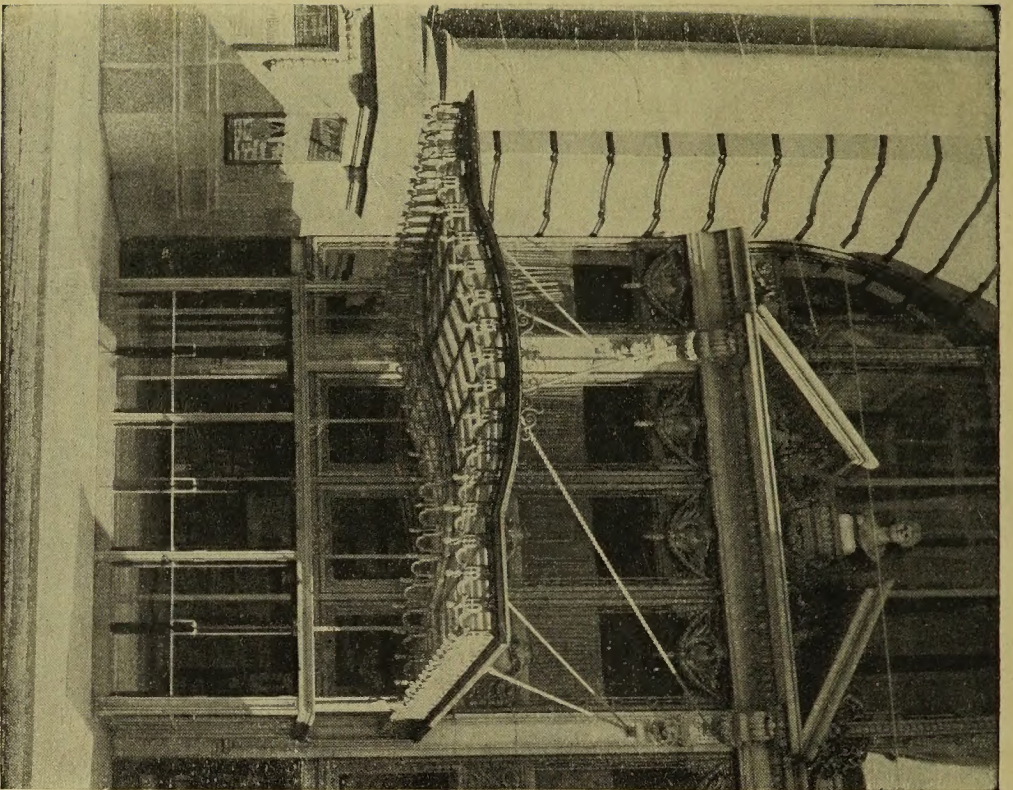


Fig. 2. Marquise and Vestibule for Colonial Theatre, Chicago, Ill.  
Marshall and Fox, Architects

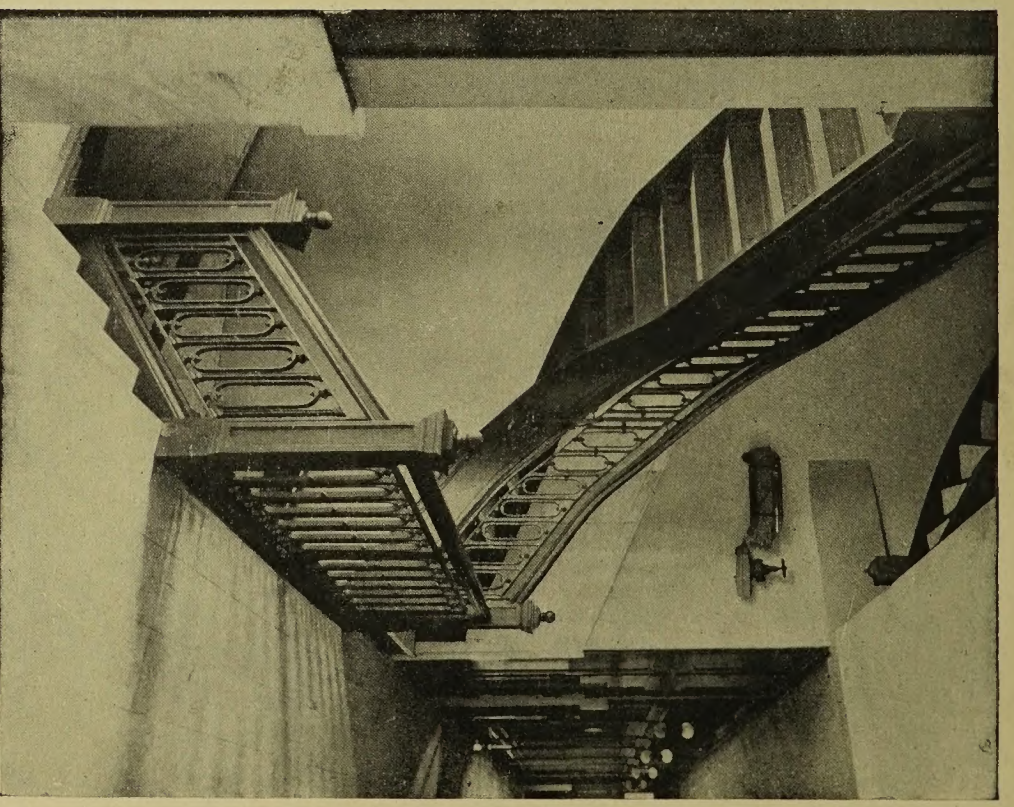


Fig. 3. Main Stairs, 3rd to 15th Floors, Chicago Savings Bank Bldg., Chicago, Ill.  
Holabird and Roche, Architects

OTHER PRODUCTS: We manufacture Ornamental Iron and Bronze Work of High Grade, including Store Fronts, Entrances, Elevator Enclosures, Elevator Cabs, Porte-Cocheres, Grille Work, Bank Railings, Fire Escapes, Shutters and Doors, Jail Work, Cemetery Vault Doors, Tablets, Fountains, Statuary, Aquaria, Sidewalk Lights, Joist, Wall and I Beam Hangers, Wall Ties, Post Caps, Area Gratings, Ash Pit Doors, Wire Cloth of all descriptions, Wire Netting and Fencing, Wire Spiral Columns and other Steel Work for Concrete Reinforcing, Corner Post Bars, Transom Bars, Coal Hole Covers, Metal Counters, Elevator Gates and Doors, Metal Building Fronts, Court-house Furniture, Flag Poles, Metal Ladders, Metal Letters, Lintels, Iron and Wire Railings, etc.

**F. P. SMITH WIRE AND IRON WORKS, Lake and Dearborn Sts., CHICAGO**